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1919/20

THE URSINUS BULLETIN
Vol. XVIII, No. 1 First Quarter, 1920

JAN 31 1921

Ursinus College

1919-1920

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Vol. XVIII, No. 1 First Quarter, 1920

Ursinus College

1919-20

"An Institution where the youth of the land can be liberally educated under the benign influence of Christianity."—*The Founders.*

Published by Ursinus College, Collegeville, Pa.

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CALENDAR

1920

May	24, Monday,	Senior Final Examinations begin.
May	31, Monday,	Semi-Annual Examinations begin.
June	6, Sunday,	Baccalaureate Sermon, 8 p. m.
June	7, Monday,	Examinations for Admission begin.
June	7, Monday,	Class Day Exercises, 2 p. m.
June	7, Monday,	Junior Oratorical Contests, 8 p. m.
June	8, Tuesday,	Annual Meeting of the Directors, 10 a. m.
June	8, Tuesday,	Alumni Meeting, 1 p. m.
June	8, Tuesday,	Alumni Oration, 8 p. m.
June	9, Wednesday,	Commencement, 10 a. m.
June	21, Monday,	Summer Session begins.
July	30, Friday,	Summer Session ends.
Sept.	14, Tuesday,	Examinations for Admission.
Sept.	14, Tuesday,	Registration and Matriculation of Students.
Sept.	15, Wednesday,	Registration and Matriculation of Students.
Sept.	16, Thursday,	Instruction begins, 8.45 a. m.
Sept.	16, Thursday,	Opening Address, 8 p. m.
Sept.	18, Saturday,	Registration of Saturday Students.
Oct.	14, Thursday,	Examinations for College standing.
Nov.	24, Wednesday,	THANKSGIVING RECESS begins, 4 p. m.
Nov.	27, Saturday,	RECESS ends, 8 a. m.
Dec.	21, Tuesday,	CHRISTMAS RECESS begins, 4 p. m.

1921

Jan.	4, Tuesday,	RECESS ends, 8 a. m.
Jan.	20, Thursday,	Semi-Annual Examinations begin.
Jan.	27, Thursday,	SECOND TERM begins, 8 a. m.
Feb.	17, Thursday,	Founders' Day.*
Feb.	22, Tuesday,	Washington's Birthday, a holiday.
Mar.	22, Tuesday,	EASTER RECESS begins, 4 p. m.
Mar.	30, Wednesday,	RECESS ends, 8 a. m.
June	5, Sunday,	Commencement Exercises begin.
June	8, Wednesday,	Commencement Exercises end.
June	20, Monday,	Summer Session begins.
July	29, Friday,	Summer Session ends.
Sept.	14, Wednesday,	ACADEMIC YEAR begins.

*Date subject to change.

1920

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URSINUS COLLEGE

HISTORICAL STATEMENT

In the year 1848, a School for the higher education of young men was established at Perkiomen Bridge, twenty-four miles from the State House in Philadelphia, on the main thoroughfare from Philadelphia to Reading, Pennsylvania. In keeping with the convictions, both religious and political, of its founder, the Rev. Abraham Hunsicker, the School was named "Freeland Seminary." Within a period of twenty years, more than four thousand young men from Pennsylvania, New Jersey, Maryland and Delaware received their education at this School.

In 1868, a body of men, actuated by a desire to serve the interests of higher education and evangelical Christian religion, met in the city of Philadelphia and resolved to found "an institution where the youth of the land can be liberally educated under the benign influence of Christianity." Ruled by this desire, they chose as the name of their institution that of one of the most distinguished reformers and scholars of the Reformation period, *Ursinus,* of the University of Heidelberg.

The Act of Incorporation under which Ursinus College is conducted was granted by the Legislature of Pennsylvania, February 5, 1869, and is as follows:

AN ACT

TO INCORPORATE URSINUS COLLEGE

SECTION 1. Be it enacted by the Senate and House of Representatives of the Commonwealth of Pennsylvania in General Assembly met, and it is hereby enacted by the authority of the same, that there shall be and hereby is erected, established and incorporated in Upper Providence Township, in the County of Montgomery, in this Commonwealth, an institution of learning, for the purpose of imparting instruction in Science, Literature, the Liberal Arts and Learned Professions by the name, style and title of URSINUS COLLEGE.

Section 2. Said College shall be under the care and management of a Board of Directors not exceeding twenty-one in number, who, with their successors in office, shall be and are hereby declared to be one body politic and corporate in deed and in law, to be known by the name, style and title of Ursinus College, and by the same shall have perpetual succession, and shall be able to sue and be sued, plead and be impleaded in all courts of law and equity, and shall be capable in law and equity to take, hold and purchase for the use and benefit of said College any estate in any messuages, lands, tenements, goods, chattels, moneys and other effects of any kind whatever, by gift, grant, bargain, sale, conveyance, assurance, will, devise or bequest from any person or persons, body politic or corporate, either municipal or otherwise whatsoever capable of lawfully making the same, and the same from time to time to grant, bargain, sell, convey, mortgage, farm, let, place out at interest, or otherwise dispose of for the use and benefit of said College; *Provided, however,* That no bequest or donation made to and accepted by said Board for specific educational objects shall ever be diverted from the purposes designated in the conditions of such gift and acceptance.

Section 3. That the Board of Directors shall have power to establish, from time to time, in said College, such departments of study and instruction as they may deem expedient, and to provide libraries, apparatus, cabinets, endowments and all other needful aids for imparting full and thorough courses of instruction therein. They may appoint a faculty or faculties, professors, lecturers and teachers, prescribe their respective duties, fix their compensation, and remove them, or any of them, as, from time to time, the interests of the College may require; they shall have power to purchase or erect buildings for the accommodation of students, professors and officers, and for other needful purposes; to establish rules and regulations for the government of students and officers, and to do all and singular such other things and matters as may be requisite for the well ordering and proper management of the affairs of said College.

Section 4. That the said Board of Directors shall at first consist of the persons herein named, to wit: *James Koons, Sr., J. Knipe, W. D. Gross, H. W. Kratz, A. Kline, H. K. Harnish, Abraham Hunsicker, Sr., J. W. Sunderland, John Wiest, A. W. Myers, H. H. W. Hibshman, A. Van Haagen, J. H. A. Bomberger, J. G. Wiehle, J. Dahlman, Jr., Emanuel Longacre, George Schall, W. L. Graver, William Sorber, Nathan Pennypacker, N. Gehr,* who, or any nine of them, on the passage of this act, or at any time within three months thereafter, may meet and organize

by electing a President and Secretary, and accepting this act, the evidence of which shall be the duly authenticated record of such meeting and action.

SECTION 5. That the Board of Directors shall have power to fill all vacancies in their own body, to expel any member thereof who shall be guilty of infamous conduct and to declare vacant the seat of any member who shall have, for three consecutive years, failed to attend the stated meetings of the Board; to appoint, from time to time, such additional officers and agents of their own body as may be deemed requisite, including a Treasurer, who shall always give ample security for the funds entrusted to his keeping; to adopt a common and corporate seal, by and with which all deeds, certificates, appointments and acts of said Board, signed by their President and attested by their Secretary, shall pass and be authenticated, and the same seal at their pleasure to break, alter or renew.

SECTION 6. That the said Board of Directors, at any meeting subsequent to their organization called for the purpose, and of which due notice shall have been given to each member, may adopt and establish a Constitution and By-Laws for the government of their own body, not inconsistent with this act, the laws of the State or the laws of the United States, which Constitution and By-Laws shall not thereafter be altered, amended or repealed except in the manner therein provided.

SECTION 7. That the faculty of any organized department in the College may, with the advice and consent of the Board of Directors, and under such regulations as they may prescribe, confer the degrees, honors, and dignities usually conferred by similar departments in the Colleges and Universities of this Commonwealth.

SECTION 8. That no misnomer of this corporation shall defeat or annul any gift, grant, devise or bequest to or from the said corporation. *Provided,* The intent of the parties shall sufficiently appear upon the part of the gift, grant, will, or other writing whereby such state or interest was intended to pass to or from said corporation.

The corporation was organized at a meeting of the Directors held in the city of Philadelphia, February 10, 1869. A permanent seat for the College was sought near Philadelphia. Attracted by the beauty of the region of Perkiomen Bridge, where Freeland Seminary had flourished for twenty years, and impressed by the reputation of the community for its interest in education, the Board of Directors purchased the property

of Freeland Seminary, and incorporated the latter into Ursinus College as its preparatory department. About this time the United States postal authorities named the post office at Perkiomen Bridge, Collegeville. Instruction was begun September 6, 1870. In 1881 the doors of the College and Academy were opened to women. The Academy was discontinued in 1910.

The Ursinus School of Theology was organized June 1, 1871, and opened for instruction the following September. The School was conducted at Collegeville in connection with the College till 1898, when it was removed to Philadelphia. March 8, 1907, a Compact of Union was ratified by the Board of Directors of Ursinus College, by which the instruction of the Ursinus School of Theology is conducted in the Central Theological Seminary, located at Dayton, Ohio.

Collegeville is easy of access by the Philadelphia and Reading Railway from Philadelphia, Allentown or Reading. Electric cars connecting Collegeville with Pottstown, Norristown and Philadelphia pass the College campus. The College grounds cover fifty-six acres, including a fine lawn and campus of ten acres, tennis courts, athletic fields, and several fields for agriculture.

NEEDS

The College has been developed in all respects as far as its present equipment and resources will permit. Its continuing growth should encourage friends of the institution to provide further for its needs. These have been embodied in detailed outline in a comprehensive Program for the Further Development of Ursinus College, adopted by the Directors on November 23, 1915. This Program, printed separately, constitutes a valuable guide to friends and benefactors who contemplate gifts to the institution or who would advise others in the interest of the College. A copy of the Program will be furnished on application to the President of the College, whose counsel should also be sought with a view to securing the most advantageous co-operation on the part of all.

BEQUESTS

All testamentary papers intended to convey funds or property to the College should be signed, witnessed and executed in strict accordance with the statutory laws of the State in which the testator resides. In all cases the name of the corporation should be accurately given, as in the following forms:

I give, devise and bequeath to URSINUS COLLEGE, located at Collegeville, Montgomery County, Pennsylvania, their successors and assigns forever, the sum of ..... dollars, to be invested by said corporation, and the interest accruing therefrom to be applied to the maintenance of instruction in said institution.

I give, devise and bequeath to URSINUS COLLEGE, located at Collegeville, Montgomery County, Pennsylvania, their successors and assigns forever, a certain lot situated, etc., for the uses and purposes of said College according to the provisions of its charter.

Bequests intended for the Theological Department, formerly the Ursinus School of Theology, now conducted in the Central Theological Seminary at Dayton, Ohio, should be so designated but should be made in favor of Ursinus College in which the interests of this department are vested; as in the following form:

I give, devise and bequeath to URSINUS COLLEGE, located at Collegeville, Montgomery County, Pennsylvania, their successors and assigns forever, the sum of ..... dollars, to be invested by said corporation, and the interest accruing therefrom to be applied to the maintenance of the Theological Department of said institution.

Officers of the Corporation

President, Harry E. Paisley
Philadelphia

First Vice-President, Edward A. Krusen, M.D.
Norristown, Pa.

Second Vice-President, A. D. Fetterolf
Collegeville, Pa.

Secretary, Rev. S. L. Messinger, D.D.
Trappe, Pa.

Treasurer, J. Truman Ebert
Collegeville, Pa.

THE DIRECTORS

	First Elected	Term Expires
James M. Anders, M.D., LL.D., Philadelphia,	1894	1924
Hon. Andrew R. Brodbeck, Hanover,	1905	1920
J. Truman Ebert, Collegeville,	1907	1922
Charles H. Edmunds, Esq., Philadelphia,	1907	1922
A. D. Fetterolf, Collegeville,	1906	1921
Rev. I. Calvin Fisher, D.D., Lebanon,	1905	1921
Hervey C. Gresh, Norristown,	1901	1921
Abraham H. Hendricks, Esq., B.S., Collegeville,	1914	1924
J. F. Hendricks, Esq., A.M., Doylestown,	1915	1920
Rev. George W. Henson, D.D. Philadelphia,	1911	1921
Alvin Hunsicker, B. S., New York,	1916	1921
Rev. James M. S. Isenberg, D.D., Philadelphia,	1906	1923
Whorten, A. Kline, Litt.D., Collegeville,	1912	1922
Edward A. Krusen, M.D., Norristown,	1903	1923
Mayne R. Longstreth, Esq., A.M., Philadelphia	1907	1922
Rev. J. W. Meminger, D.D., Lancaster,	1896	1921
Rev. S. L. Messinger, S.T.D., D.D., Trappe,	1906	1921
Geo. Leslie Omwake, Pd.D., Collegeville,	1906	1921
Harry E. Paisley, Philadelphia,	1907	1922
Elwood S. Snyder, M.D., Lancaster,	1905	1920
Henry T. Spangler, D.D., Collegeville,	1884	
Joseph M. Steele, Philadelphia,	1913	1924
Rev. Philip Vollmer, Ph.D., D.D., Dayton, Ohio,	1905	1920
Rev. Edward F. Wiest, D.D., Lebanon,	1909	1924
Rev. Calvin D. Yost, A. M., B. D., Collegeville,	1916	1920

Committees of the Board of Directors

Executive Committee

A. D. Fetterolf,
H. E. Paisley,
H. T. Spangler,
S. L. Messinger,
G. L. Omwake,
J. T. Ebert,
A. H. Hendricks

Committee on Finance

G. L. Omwake,
J. M. S. Isenberg,
H. E. Paisley,
J. T. Ebert.

Committee on Buildings and Grounds

A. H. Hendricks,
A. D. Fetterolf,
W. A. Kline,
H. C. Gresh,
J. T. Ebert,
E. A. Krusen,
G. L. Omwake.

Committee on Government and Instruction

H. T. Spangler,
A. D. Fetterolf,
S. L. Messinger,
W. A. Kline.
G. L. Omwake.

THE ADVISORY COUNCIL

Cyrus H. K. Curtis, LL.D., Philadelphia

Hon. John Wanamaker, LL.D., Philadelphia

Alba B. Johnson, LL.D., Philadelphia

Administrative, Financial and Business Officers

George L. Omwake, B.D., Pd.D., *President.*

Paul A. Mertz, A.M., *Assistant to the President.*

Rev. Whorten A. Kline, B.D., Litt.D., *Dean.*

Rev. Calvin D. Yost, A.M., B.D., *Librarian.*

Sara E. Ermold, *Assistant Treasurer and Office Secretary.*

Mrs. E. N. Ermold, *Principal of Olevian Hall and Superintendent of Dormitories.*

Clara E. Waldron, *Principal of Shreiner Hall.*

Mrs. C. V. Tower, *Principal of Trinity Cottage.*

Agnes R. MacCann, *Principal of The Maples.*

Mrs. Emma G. E. Webb, *Superintendent, Domestic Department.*

Joyce Hamm, *Stenographer.*

Frank I. Sheeder, *Clerical Assistant.*

THE FACULTY

GEORGE LESLIE OMWAKE, B.D., PD.D.,

President, and Professor of the History and Philosophy of Education.

A.B., Ursinus College, 1898, and A.M., 1901; B.D., Yale University, 1901; Pd.D., Franklin and Marshall College, 1910; Student in Theology, Philosophy and Education, Yale University, 1898-1901; Licensed, 1901; Ursinus College, 1901; Dean, 1903-09; Vice-President, 1909-12; President, 1912; Member of the Society of College Teachers of Education.

REV. WHORTEN A. KLINE, B.D., LITT.D.,

Dean, and Professor of the Latin Language and Literature.

A.B., Ursinus College, 1893; A.M., and B.D., 1896; Litt.D., 1913; Licensed, 1896; Graduate Student in Latin, University of Pennsylvania, 1897-1901, Ursinus College, 1893; Dean, 1909; Member of the Classical Association of the Middle States and Maryland; Member of the Philadelphia Botanical Club.

REV. JAMES I. GOOD, D.D., LL.D.,

Professor of the History of the Christian Church.

A.B., Lafayette College, 1872, and A.M., 1875; D.D., Ursinus College, 1887 and LL.D., 1911; Student, Union Theological Seminary, 1872-75; Licensed, 1875; Pastor, 1875-1905; Professor of Systematic and Pastoral Theology and Reformed Church History, 1890-1907; Dean, School of Theology, 1892-1907; Ursinus College, 1907.

HOMER SMITH, PH.D.,

Professor of the English Language and Literature.

A.B., Amherst College, 1891; Graduate Student, University of Pennsylvania, 1892-95; Ph.D., University of Pennsylvania, 1895; Instructor in English, University of Pennsylvania, 1892-98; Professor of English, Kamehameha School, Honolulu, 1899-1901; Acting Professor of English, Amherst College, 1901-03; Ursinus College, 1903; Member of the Modern Language Association.

MATTHEW BEARDWOOD, M.D., SC.D.,

Professor of Chemistry.

A.B., Philadelphia Central High School, 1890, and A.M., 1895; M.D., Medico-Chirurgical College, 1894; Sc.D., Ursinus College, 1916; Special Student of Chemistry, University of Pennsylvania, 1890-91; Instructor in Chemistry, Medico-Chirurgical College, 1896-99; Lecturer on Clinical Chemistry, 1899-1900; Adjunct Professor of Chemistry, 1900-14; Professor of General Chemistry and Toxicology, 1914-16; Ursinus College, 1903; Member of the American Chemical Society; Member of the Franklin Institute.

JOHN WENTWORTH CLAWSON, A.M.,

Professor of Mathematics.

A.B., University of New Brunswick, 1901; A.B., Cambridge University, 1904; A.M., University of New Brunswick, 1905; Lecturer in Astronomy, University of New Brunswick, 1904-05; Assistant in Physics, Ohio State University, 1905-06; Ursinus College, 1907. Member, The Mathematical Association of America.

REV. GEORGE HANDY WAILES, A.M., D.D.,

Professor of the Greek Language and Literature, and of the English Bible.

A.B., Princeton University, 1894, and A.M., 1896; D.D., Ursinus College, 1913; Student, Princeton Theological Seminary, 1894-97; Licensed, 1896; Pastor, Scots Presbyterian Church, Philadelphia, 1897-1908; Professor of Hebrew and Old Testament Literature, Temple University, 1906; Professor of Theology and Apologetics, 1908; Ursinus College, 1908.

CARL VERNON TOWER, PH.D.,

Professor of Philosophy.

A.B., Brown University, 1893; and A. M., 1895; Fellow, Sage School of Philosophy, Cornell University, 1896-97; Ph.D., Cornell University, 1898; Instructor in Philosophy, University of Michigan, 1898-1900; Assistant to the President, Clark University, 1900-01; Professor of Philosophy, Knox College, 1901-02; University of Vermont, 1902-09; Assistant Professor of Philosophy, University of Michigan, 1909-10; Acting Professor of Philosophy, Trinity College, 1912-13; Ursinus College, 1913. Member, American Philosophical Association.

WILLIAM WILSON BADEN, PH.D.,

Professor of Modern Languages.

Ph.D., Johns Hopkins University, 1892; Research Student, Berlin, Rome and Athens, 1896-98; Professor, University of Idaho, 1899-1907; Ursinus College, 1914.

RAYMOND BURTON MUNSON, A.M.,

Professor of History and Political Science.

Ph.B., Yale University, 1909; and A. M., 1911; Graduate Student, Yale University, 1909-13; Instructor in History and Political Science, Pennsylvania State College, 1913-16; Ursinus College, 1916. Member, American Historical Association.

EZRA ALLEN, PH.D.,

Professor of Biology.

A.B., Bucknell University, 1895; A.M., 1896; Fellow, Clark University, 1900-01; University of Chicago, 1905; Ph.D., University of Pennsylvania, 1914; Instructor in Science, Perkiomen School, 1896-1900; Professor of Biology, Montana State Normal School, 1903-06; School of Pedagogy, Philadelphia, 1907-18; Educational Adviser to First Army and Lecturer on Biology, A. E. F. University, Beaune, France, 1918-19; Ursinus College, 1919. Member, American Association of Anatomists; American Society of Zoologists.

REV. CALVIN DANIEL YOST, A.M., B.D.,

Librarian, and Assistant Professor of German and English.

A.B., Ursinus College, 1891; A.M., 1895, and B.D., 1907; Student, Ursinus School of Theology, 1891-93; Yale University, 1893-94; Principal, High School, Mahanoy City, Pa., 1896-1901; Pastor, 1894-96, 1901-07; General Secretary, Reformed Evangelical and Educational Union, 1907-10; Ursinus College, 1910.

The Faculty

PAUL ALLEN MERTZ, A.M.,

Assistant to the President, and Assistant Professor of Education.

A.B., Ursinus College, 1910; A.M., Columbia University, 1913; Graduate student, Columbia University, 1910-13; Instructor, Groszmann School for Nervous and Backward Children, Plainfield, N. J., 1910-11; Instructor, High Schools, Plainfield, N. J., Trenton, N. J., and Philadelphia, 1911-18; First Lieutenant, U. S. Army, Psychological Examiner, 1918-19; Ursinus College, 1919. Member, Society of College Teachers of Education.

JOHN MYRON JOLLS,

Instructor in Voice Culture and Choral Singing.

Student under the direction of the Tonic Soh Fah College, London, 1893-96; Student in Sight Singing and Voice Culture under Frederick W. Root, 1894-95; Student under Perley Dunn Aldrich, 1899-1908; Teacher of Singing, 1894-1920; Y. M. C. A. War Service, 1918-19; Ursinus College, 1908.

CLARA E. WALDRON,

Instructor in Piano, Harmony and History of Music.

Student under Harry R. Detwiler at Kidd-Key Conservatory of Music, Sherman, Texas, 1903-06, at Bush Conservatory of Music, Chicago, 1906-07, and in Chicago, 1909-10; Effa Ellis Perfield School, Chicago, 1916; Instructor in Piano, Maywood Conservatory of Music, Oklahoma City, Okla.; Galloway College, Searcy, Ark.; College of Industrial Arts, Denton, Texas; Baylor College, Belton, Texas; Ursinus College, 1917.

AGNES RODMAN MacCANN,

Director of Physical Training and Instructor in Public Speaking for Young Women.

Graduate, New Haven Normal School of Gymnastics, 1918; Instructor in Gymnastics, Worthington Hooker School, 1917-18; Ursinus College, 1918.

GILBERT ALFRED DEITZ, A.B.,

Instructor in Chemistry.

A.B., Ursinus College, 1918; Medical Division, Research Division, Chemical Warfare Service, U. S. A., 1918; Ursinus College, 1918; Member American Chemical Society.

RALPH MITTERLING, B.S.,

Graduate Director of Athletics and Physical Training for Men.

B.S., Ursinus College, 1915; Student, Y. M. C. A. Training School, Springfield, Mass., 1916-17; U. S. Army, 1917-19; Ursinus College, 1919.

ALMA AULT,

Instructor in Violin.

Student of Ferdinand Carri, New York City, 1907-09; Student and Graduate Teacher, Cologne Conservatory, Germany, 1912-14; Post-graduate study with Leopold Auer, New York City, 1918; Director of Violin, College of Industrial Arts, Denton, Texas, 1915-19; Ursinus College, 1919.

OFFICERS OF THE FACULTY

Chairman, The President
Secretary, Professor Smith

ADVISERS

Classical Group, Professor Wailes
Mathematical Group, Professor Clawson
Chemical-Biological Group, Professor Allen
Historical-Political Group, Professor Munson
English-Historical Group, Professor Smith
Modern Language Group, Professor Baden

COMMITTEES

Admission and Advanced Standing

The President — Professor Kline
Professor Clawson — Professor Tower

Library

The President — The Librarian
Professor Smith
Two Representatives of the Alumni Association

Athletics

Professor Smith — Professor Clawson
One Representative of the Board of Directors
Three Representatives of the Alumni Athletic Club
Two Representatives of the Student Body

Scholarships

The President — Professor Kline
Professor Yost

ADMISSION

A student who wishes to enter Ursinus College must bring from the school or college he has attended, or from the teacher with whom he has studied, a testimonial of good character and a certificate of preparation for the work he desires to take, in the form prescribed by the college. Blank forms for these certificates are furnished by the Dean of the College, to whom all communications on the subject and all certificates are to be addressed.

Certificates of preparation should be filed, as far as possible, prior to the opening of College. When this is impossible, due to the absence of school officials or other sufficient reasons, the applicant may be registered and enrolled for instruction *provisionally*. If the applicant fails to present the certificate within one month after the opening of College he will then be required to take the regular entrance examinations.

Students from high schools, academies and normal schools approved by the faculty, or from other colleges, and candidates who have passed the examinations of the College Entrance Examination Board of the Middle States and Maryland, are admitted on certificate. All other candidates must satisfy the entrance requirements by examination. A candidate whose certificate does not cover the amount of work required in a subject may be admitted to college as a regular student with conditions as provided in the statement given on page 26.

REQUIREMENTS FOR ADMISSION

The studies which may be presented in satisfaction of the requirements for admission are set forth below. A candidate must present, either by examination or by certificate, satisfactory evidence of preparation in such of these studies as he may offer in accordance with the requirements in each as defined:

English

The Uniform Entrance Requirements in English include preparation based upon two lists of books,—one of the books for reading

and one of the books for special study. In connection with the reading and study of prescribed books, the candidate should read other books and commit to memory a considerable amount of good English poetry. The reading should be done with a view to the development of literary appreciation, accuracy of expression and elegance of style.

(*a*) READING.—The candidate will be required to write a paragraph or two on each of several topics chosen by him from the list drawn from the books named below. This part of the examination is designed, primarily, to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the books prescribed. He should read the books as he reads other books not aiming to know them minutely, but to gain a knowledge of their most important parts. In every case knowledge of the book will be regarded as less important than the ability to write good English.

Every applicant will be examined in English Composition. No candidate will be accepted whose work is seriously defective in spelling, punctuation, grammar, or division into paragraphs.

The books provided for Reading for 1920-1922 are arranged in the following groups, from which at least ten units are to be selected, two from each group. Each unit is set off by semicolons.

Group I.—Classics in Translation. The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; the Æneid. The Odyssey, Iliad, and Æneid should be read in English translations of recognized literary excellence.

For any selection from this group a selection from any other group may be substituted.

Group II.—Shakespeare: Midsummer Night's Dream, Merchant of Venice, As You Like It, Twelfth Night, The Tempest, Romeo and Juliet, King John, Richard II, Richard III, Henry V, Coriolanus, Julius Cæsar, Macbeth, Hamlet. No one of the last three should be selected if chosen for study under B.

Group III.—Prose Fiction. Malory: Morte d'Arthur (about 100 pages); Bunyan: Pilgrim's Progress, Part I; Swift: Gulliver's Travels (voyages to Lilliput and to Brobdingnag); Defoe: Robinson Crusoe, Part I; Goldsmith: Vicar of Wakefield; Frances Burney: Evelina; Scott: any one of the novels; Jane Austen: any one of the novels; Maria Edgeworth: Castle Rackrent or The Absentee; Dickens: any one of the novels; Thackeray: any one of

the novels; George Eliot: any one of the novels; Mrs. Gaskell: Cranford; Kingsley: Westward Ho or Hereward, the Wake; Reade: The Cloister and the Hearth; Blackmore: Lorna Doone; Hughes: Tom Brown's Schooldays; Stevenson: Treasure Island or Kidnapped or Master of Ballantrae; Cooper: any one of the novels; Poe: Selected Tales; Hawthorne: The House of the Seven Gables or Twice Told Tales or Mosses from an Old Manse; a collection of short stories by various standard writers.

Group IV.—Essays, Biography, etc. Addison and Steele: The Sir Roger de Coverley Papers or selections from the Tatler and Spectator (about 200 pages); Boswell: selections from the Life of Johnson (about 200 pages); Franklin: Autobiography; Irving: selections from the Sketch Book (about 200 pages) or Life of Goldsmith; Southey: Life of Nelson; Lamb: selections from the Essays of Elia (about 100 pages); Lockhart: selections from the Life of Scott (about 200 pages); Thackeray: lectures on Swift, Addison, and Steele in the English Humourists; Macaulay: one of the following essays: Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederic the Great, Madame D'Arblay; Trevelyan: selections from the Life of Macaulay (about 200 pages); Ruskin: Sesame and Lilies or selections (about 150 pages); Dana: Two Years before the Mast; Lincoln: selections, including at least the two Inaugurals, the speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman: The Oregon Trail; Thoreau: Walden; Lowell: selected essays (about 150 pages); Holmes: The Autocrat of the Breakfast Table; Stevenson: An Inland Voyage and Travels with a Donkey; Huxley: Autobiography and selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; a collection of essays by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers; a collection of letters by various standard writers.

Group V.—Poetry. Palgrave's Golden Treasury (First Series). Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave's Golden Treasury (First Series): Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith: The Traveller and The Deserted Village; Pope: The Rape of the Lock; a collection of English and Scottish ballads, as, for example, some Robin Hood ballads, The Battle of Otterburn, King Estmere, Young Beichan, Bewick and Grahame, Sir Patrick Spens, and a selection from later ballads; Coleridge: The Ancient Mariner, Christabel, and Kubla Khan; Byron: Childe Harold, Canto III or IV and The Prisoner of Chillon; Scott, The Lady of the Lake or Marmion;

Macaulay, The Lays of Ancient Rome, The Battle of Naseby, The Armada, Ivry; Tennyson, The Princess, or Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning, Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—," Instans Tyrannus; Arnold, Sohrab and Rustum, and The Forsaken Merman; Selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

(*b*) STUDY.—In addition an examination will be required upon the subject matter, literary form and logical structure of each of the works named below. A careful and critical study of the works will be necessary to prepare the candidate for the examination. The student may be required to answer questions on the leading facts of the literary periods to which the works belong and on the essentials of grammatical structure.

The books prescribed for this part of the examination are as follows:

For 1920-1922 the books provided for Study are arranged in four groups, from each of which one selection is to be made.

GROUP 1. DRAMA.—Shakespeare's Julius Cæsar, Macbeth, Hamlet.

GROUP 2. POETRY.—Milton's L'Allegro, Il Penseroso, and either Comus or Lycidas; Tennyson's The Coming of Arthur, The Holy Grail, and The Passing of Arthur; the selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's Golden Treasury (First Series).

GROUP 3. ORATORY.—Burke's Speech on Conciliation with America; Macaulay's Two Speeches on Copyright, and Lincoln's Speech at Cooper Union; Washington's Farewell Address, and Webster's First Bunker Hill Oration.

GROUP 4. ESSAYS.—Carlyle's Essay on Burns, with a selection from Burns's Poems; Macaulay's Life of Johnson; Emerson's Essay on Manners. *Three units.*

Latin

The Latin reading required for admission of candidates for the degree of Bachelor of Arts, without regard to the prescription of particular authors and works, is not less *in amount* than Cæsar, Gallic War, I-IV; Cicero, the orations against Catiline, for the

Manilian Law, and for Archias. Whenever possible Vergil's Æneid, I-VI should be included in the student's preparation.

The amount of reading specified above should be selected by the schools from the following authors and works: Cæsar (Gallic War and Civil War) and Nepos (Lives); Cicero (orations, letters, and De Senectute) and Sallust (Catiline and Jugurthine War); Vergil (Bucolics, Georgics, and Æneid) and Ovid (Metamorphoses, Fasti, and Tristia). *Three or four units.*

Greek

The candidate must show a mastery of the common forms, idioms and syntax of the language, and must know the rules of accent and their changes. He will be required to translate simple English sentences into Attic Prose, and translate, at sight, passages of ordinary difficulty taken from Xenophon. The following books will meet the requirement: White, First Greek Book, or an equivalent; Xenophon, Anabasis, books I-IV. *Two units.*

French

The general principles for the requirements in French are the same as for German. The candidate must be able to pronounce French accurately and possess a thorough knowledge of the rudiments of grammar, including the inflection of the more common irregular verbs and the elementary rules of syntax. He should be able to read at sight easy dialogue and modern French prose, and is required to put into French simple English sentences; to give abstracts of portions of texts already read; and to write French from dictation. He should have read from one hundred to one hundred and seventy-five pages of graduated texts and from two hundred and fifty to four hundred pages of easy modern prose in the form of stories, plays, or historical or biographical sketches. *Two units.*

Spanish

The work should comprise constant drill in pronunciation, the rudiments of grammar, including the conjugation of the regular and more commonly used irregular verbs, the inflection of nouns, adjectives, and pronouns, and the general rules of syntax. There should be daily practice in translating at dictation Spanish into English and English into Spanish. Some 300 pages from representative modern authors should be carefully read. *Two units.*

German

The candidate must possess an accurate knowledge of the rudiments of grammar. He should give special attention to the acquisition of a good pronunciation and to the memorizing and frequent repetition of easy colloquial sentences, and cultivate readiness in the reproduction of natural forms of expression. He is expected to have read from seventy-five to one hundred pages of graduated texts from a reader, and from one hundred and fifty to two hundred pages of literature in the form of easy stories and plays. He must be able to read, at sight, easy dialogue or narrative prose; to put into German short English sentences taken from the language of everyday life and based upon the text offered for translation; and to reproduce in an offhand way, both orally and in writing, the substance of short and easy selected passages. *Two units.*

History

The candidate's preparation in any of the following fields of History must include the general outlines of study as stated below. Geographical knowledge of the countries involved is extremely important. The examination will include:

Ancient History, as contained in West's Ancient World, or Myers's Ancient History (Revised Edition), in connection with Seignobos's Ancient Civilization. The applicant will be expected to be prepared to write on a topic selected from one of the following supplementary readings: Botsford's Athenian Constitution, Coulanges's Ancient City, and Ward-Fowler's City-State of the Greeks and Romans. *One unit.*

English History as treated in Andrews's or Larned's History of England, or Walker's Essentials of English History. The applicant will be expected to know the chief factors of Anglo-Saxon civilization which influenced American institutions. *One unit.*

American History, as contained in McLaughlin's The American Nation, Adams and Trent's History of the United States, or Ashley's American History. The applicant must show thorough acquaintance with the main facts of the political, social and economic development of the United States as a nation. Civil government may be offered as part of this requirement. *One unit.*

Mathematics

Arithmetic, with the metric system of weights and measures, as much as is contained in Wentworth's Advanced Arithmetic. Elementary Algebra, including Variation and the Binomial Theorem,

as in Wells's Essentials of Algebra, or its equivalent. Plane Geometry, complete as in Phillips and Fisher's Plane Geometry, or its equivalent. *Two and one-half units.*

Solid Geometry, as contained in Phillips and Fisher's Geometry of Space, or its equivalent. *One-half unit.*

Algebra continued, to include The Progessions, Choice and Chance, Partial and Continued Fractions, Graphical Representation, Complex Numbers and Logarithms, as contained in Hawkes's Advanced Algebra, or its equivalent. *One-half unit.*

Plane Trigonometry, as in Ashton and Marsh's Plane and Spherical Trigonometry, Chapters I-IV and VI, or its equivalent. *One-half unit.*

Science

Physical Geography. The equivalent of Gilbert and Brigham's Physical Geography. *One-half unit.*

Zoölogy. Textwork equal in amount to that contained in Davenport's Introduction to Zoölogy; laboratory work, the study of at least ten common types of animal life, the drawings and descriptions of which must be presented by the candidate in a laboratory note-book certified by the teacher. *One-half unit.*

Botany. Textwork equal in amount to that contained in Coulter's Plant Relations, or its equivalent. Laboratory work on the structure and life history of at least ten plants, and the ability to identify ordinary seed plants. The laboratory note-book must be presented by the candidate with the certificate for entrance. *One-half unit.*

Physiology. Textwork equal in amount to that contained in Huxley's Physiology. *One-half unit.*

Physics. Textwork equal in amount to that contained in Carhart and Chute's First Principles of Physics. *One unit.*

Chemistry. Textwork equal in amount to that contained in Remsen's Introduction to Chemistry. *One unit.*

In connection with the textwork in either Physics or Chemistry there will be required laboratory work comprising at least forty experiments by the candidate himself. The laboratory note-book, properly paged and indexed and certified by the teacher must be presented with the certificate for entrance.

TERMS OF ADMISSION

The unit used in determining the value of a study presented in satisfaction of the requirements for admission represents, in general, *a year's study in the subject in a secondary school, constituting approximately a quarter of a full year's work.* This statement is designed to afford a standard of measurement for the work done in secondary schools. It assumes that the length of the school year is from thirty-six to forty weeks, that the recitation period is from forty to sixty minutes in length, and that there are four or five periods a week; but under ordinary circumstances, a satisfactory year's work in a subject cannot be accomplished in less than one hundred and twenty hours of class-room work. The time element involved in the evaluation of college preparatory work should be given due consideration by teachers and pupils in secondary schools.

Candidates for the Degree of Bachelor of Arts

Applicants for admission intending to present themselves as candidates for the degree of Bachelor of Arts at graduation must present 14.5 units from the following list. The studies printed in heavy-faced type are prescribed:

English	3 units
Latin	3 units
Other Foreign Language	2 units
History	1 unit
Algebra	1.5 units
Plane Geometry	1 unit
Additional Latin	1 unit
History, Ancient	1 unit
History, English	1 unit
History, American	1 unit
Advanced Algebra	.5 unit
Solid Geometry	.5 unit
Plane Trigonometry	.5 unit
Physical Geography	.5 unit
Zoölogy	.5 unit
Botany	.5 unit
Physiology	.5 unit
Physics	1 unit
Chemistry	1 unit

Candidates for the Degree of Bachelor of Science

Applicants for admission intending to present themselves as candidates for the degree of Bachelor of Science at graduation must present 14.5 units from the following list. The studies printed in heavy-faced type are prescribed:

English	3 units
Latin or **French**	2 units
Other Foreign Language	2 units
History	1 unit
Algebra	1.5 units
Plane Geometry	1 unit
Solid Geometry	.5 unit
Plane Trigonometry	.5 unit
Physics or **Chemistry**	1 unit
History, Ancient	1 unit
History, English	1 unit
History, American	1 unit
Physical Geography	.5 unit
Zoölogy	.5 unit
Botany	.5 unit
Physiology	.5 unit
Mechanical Drawing	1 unit

A candidate offering less than 14.5 units may be admitted with conditions to the extent of 2.5 units, but not more than one of these may be in any one subject.

Students who are not fully prepared to meet the requirements for admission will find adequate opportunity to complete their preparation in the *Summer Session* of Ursinus College.

Applicants who desire admission by examination in any subject, will present themselves for such examination at the Dean's Office in Bomberger Hall, on Monday and Tuesday of Commencement week, June 7 and 8, or on Wednesday, September 15, 1920, at the opening of the collegiate year.

SPECIAL STUDENTS

Applicants for admission may be received as special students provided they present 10 units of preparatory work. These units must be so distributed as to constitute the usual preparation for the college courses which the applicant desires to pursue.

When admitted, special students are enrolled as members of the groups they may choose to enter and are under the direction of the regular advisers. Special students must register for at least five standard courses or their equivalent, and are held accountable for the satisfactory completion of courses for which they register. They are subject to the same regulations as other students.

ADMISSION TO ADVANCED STANDING

A student may be admitted to advanced standing at the beginning of any term, not later than the first term of the Fourth year; either

1. By Examination, in all the studies required for admission and in the studies which have been pursued by the class he may wish to enter, provided the candidate attain a grade not lower than B in such examination; or

2. From a Pennsylvania State Normal School, provided that prior to entering the normal school he had completed a regular four-year high school course and devoted not less than two full years to the completion of the normal school course, or having lacked a four-year high school course, he pursued the regular normal school course of four years. Such candidates will be given sufficient credit to enable them to complete the requirements for graduation from college in three years.

3. From Another College, provisionally, to the standing which he held in the college he last attended, upon written evidence of his standing and of the work done. This must be accompanied in every case by a letter of honorable dismissal.

GOVERNMENT

Students whose application for admission to college has been approved by the Faculty, become members of the institution by matriculating at the Dean's office. Students who have not fully matriculated, but have been admitted to classes provisionally, pending the determination of their standing, are not permitted to represent the college in any public performance or in any intercollegiate contest.

REGISTRATION

All students must register at the opening of the college year for the work of the whole year, and will not be allowed to change their registration or drop courses of study, later than one week after Registration Day except by special permission of the Faculty. A fee of One Dollar is charged for registration on days other than those appointed for the registration of students in the college calendar.

ABSENCES

A student who is absent from more than one-eighth of the exercises in any course during a term is required to take an extended examination for which a fee of Three Dollars is charged. Absences within the one-eighth limit do not affect a student's status in class. Absences are counted from the first class exercises in any subject, and at the beginning or end of a term and immediately preceding and following a recess they count double. No excuses for absence from class exercises are granted.

ADVISERS

At the beginning of the year the Faculty appoints from its own number Advisers for the students in each of the six Groups in which the courses of instruction are offered. The

students of each Group are amenable to the Adviser of the Group in all matters of conduct, study and discipline. His approval is necessary before a student may register for or enter upon any course of study, or discontinue any work. He is the medium of communication between the Faculty and the students of his Group, and in a general way stands to his students in the relation of friendly counsellor.

GRADES OF SCHOLARSHIP

On the completion of a course the standing of a student is expressed, according to his proficiency, by one of five grades, designated respectively by the letters A, B, C, D, E. Grade E in any course denotes failure.

Each student is required to do a grade of work that shall average C in the courses pursued in any one year; and in the event of his failure to do so, shall be required to repeat in the following year such course or courses as may be necessary to raise the average grade to C, the repeated work to take precedence over any additional courses.

A permanent record is kept of each student's work, and a report of the same is sent to his parents or guardian at the close of each term.

PUBLIC WORSHIP

Students are required to attend religious services in the college chapel each day of recitations, and are expected to attend services on Sunday morning in some adjacent church of their own or their parents' choice. Attendance is also required at all special public exercises appointed by the Faculty.

When a student shall have been absent from chapel services more than one-eighth of the number of times such services are held during the term, without having been excused, such absences will be counted as demerits and the student will be subject to discipline.

COLLEGE PRINCIPLES

The College is committed both in principle and by tradition to a policy which opposes unnatural distinctions among its students. Secret or exclusive organizations are not permitted. Equal opportunity for all is provided and a wholesome spirit of fraternity throughout the entire body is encouraged. A system of student government for young men, with powers inhering in the several groups and classes and in a central representative body known as the Council, encourages self-control and practice in civil affairs. The life of the young women also is regulated through a system of self-government approved by the Faculty and administered by the women students of the College. Since the institution is organized on the group basis, class rivalry and its attendant evils are extraneous. *Each student pledges himself on admission to abstain from every form of rushing or hazing.* The aim of the institution is to train its students, through the performance of their social and civic obligations and duties, in those virtues which will fit them for the extraordinary responsibilities of educated men and women in after life.

DOMESTIC LIFE

The college aims to provide thoroughly healthful, wholesome and homelike conditions in the residences for both young men and young women. The boarding department is made an educational asset in the institution. All resident students take their meals in a large, cheery dining room constructed on artistic and thoroughly sanitary lines. The meals are prepared in a spacious, well-lighted, sanitary kitchen with complete modern equipment.

By controlling the conditions under which the students live, the college provides a physical basis for its higher functions that insures not only health of body and joy of life, but greatly promotes mental efficiency and success in intellectual pursuits.

COURSES OF INSTRUCTION

The following courses of instruction are provided for the year 1920-1921:

The courses are arranged as full courses or half-courses according to the estimated amount of work in each and its value in fulfilling the requirements for graduation. Half-courses are designated as such, and, in general, represent three hours of class work a week for a half year, or two hours for a year. All other courses are full courses, requiring three hours of class work a week for a year, or two hours of class work and a prescribed amount of outside work.

A candidate for the degree of Bachelor of Arts or Bachelor of Science must complete twenty full courses or an equivalent amount of courses and half-courses.

LATIN

Professor KLINE

A. Vergil's Æneid, Books I-VI.—Greenough and Kittredge. *Tu., Th., Fri., at 8.*

This course is prescribed for students who offered three units of Latin for admission and intend to continue the subject in College. It is a prerequisite for Latin 1.

1. Cicero, De Senectute, with a critical analysis of the essay.—Livy, Book XXI.—History of the Punic Wars.—Horace, the Odes with sight reading. The Horatian meters will be carefully studied, together with the interpretation of the poems. *Mon., Wed., Fri., at 10.*

Course 1 is prescribed for all candidates for the degree of Bachelor of Arts.

2. Horace, Satires and Selected Epistles.—Cicero, De Oratore.—Horace, Ars Poetica. *Mon., at 8; Tu., Th., at 11.*

3. (*a*) Latin Comedy. Terence, Phormio and Heauton-Timorumenos.—Plautus, Captivi or Trinummus and Menæchmi. Lectures upon the ancient theater and kindred topics. (*b*) Cicero and Pliny the Younger, Selected Epistles. This part of the course is designed to train the student in the power of rapid reading, by covering a large amount of Latin of only moderate difficulty. *Tu., Th., at 9.*

4. Tacitus, Agricola, Germania and Selections from the Annals.—Lucretius, De Rerum Natura. *Tu., Th., at 9.*

Courses 3 and 4 are given in alternate years; Course 3 will be given in 1920-1921.

Courses 3 and 4 are optional as alternatives with the corresponding courses in Greek in the Classical group.

5. Teachers' Course.—A consideration of the aims and purposes of classical studies. Preparatory authors will be discussed and interpreted with special regard to the essential points in teaching. *Half-course (Second Term) three hours.* This work may be taken as part of course 3 or 4 in the latter part of the second term.

Course 5 is elective in the Classical group and for others in special cases.

GREEK

Professor Wailes, Professor Kline

1. Elementary Greek.—White's First Greek Book.—Elementary Composition.—Reading of Selections from the Anabasis of Xenophon. *Mon., at 12; Tu., Th., at 10.*

This course may be elected by students who wish to acquire by extraordinary effort, in one year, the ability to read Attic prose.

2. Xenophon, Memorabilia, Book I.—Homer, Iliad, Books I, II, III —Greek Prosody.—Exercises in Scanning.—Charges against Socrates discussed.—Reading at sight. *Tu., Th., at 12; Wed., at 3.*

Course 2 is prescribed for all students in the Classical group who offer Greek for admission.

3. Herodotus, Babylonian History.—Study of the Ionic Dialect.—Plato, Apology and Crito.—Greek Philosophy.—Greek Literature. *Wed., Fri., at 8.*

Course 3 is prescribed in the Classical group, and is not offered in the other groups.

4. Demosthenes, De Corona.—Plan of the Oration and Grecian History discussed.—Æschylus, Agamemnon.—History of the Play.—Greek Theater.—Sophocles, Œdipus Tyrannus. *Hours to be arranged.*

5. Arrian, Selections from Anabasis of Alexander.—Euripides, Iphigenia in Taurus.—Pindar, Selections from the Odes. *Hours to be arranged.*

Courses 4 and 5 are optional as alternatives with the corresponding courses in Latin in the Classical group.

6. New Testament Greek.—The Synoptic Gospels and John. Luke will be used as a basis for the study of the Synoptic Gospels, and will be read exegetically, and Matthew and Mark will be read at sight. The Gospel according to John will be studied exegetically and parts of the Gospel will be read at sight.—Westcott and Hort, New Testament in Greek. Lectures on Special Introduction. *Tu., Th., at 2; Wed., at 12.*
7. New Testament Greek.—The Epistles. These are studied exegetically and preceded by lectures on Special Introduction. *Tu., Th., at 2; Wed., at 12.*

Courses 6 and 7 are offered in alternate years; Course 6 will be offered in 1920-1921.

ENGLISH

Professor Smith, Asst. Professor Yost

English Composition.

1. Rhetoric and English Composition.—Lectures on the theory of Rhetoric, recitations, written exercises weekly. Brown and Barnes, The Art of Writing English. One hour a week throughout the year. *Half-course, Wed., at 11.*

Course 1 is prescribed in all the groups.

2. English Composition.—Written exercises and individual conferences. Genung, Rhetorical Analysis. One hour a week throughout the year. *Half-course, Wed., at 9.*

Course 2 is a continuation of Course 1, and is prescribed in all the groups.

3. The Oration.—Studies in the theory and style of the Oration. Famous American orations are read critically. Each student must write at least two original orations. Denney, American Public Addresses. *Half-course (Second Term), three hours, to be arranged.*

Course 3 is elective for Third year and Fourth year students in all the groups.

4. Essays and Dissertations.—Six themes, argumentative or expository, requiring careful study of authorities. One hour a week throughout the year. *Half-course, hours to be arranged.*

Course 4 is elective in all the groups.

English Literature.

1. History of English Literature.—Detailed study of great writers. Lectures on the historical development of literary species. Century Readings in English Literature. Two hours a week throughout the year. *Half-course, Mon., Fri., at 11.*

Course 1 is prescribed in all the groups.

2. History of English Literature.—Study of masterpieces and discussions in class. Lectures on Literary Criticism. Gummere, Handbook of Poetics. Two hours a week throughout the year. *Half-course, Mon., Fri., at 9.*

Course 2 is a continuation of Course 1, and is prescribed in all the groups.

3. The English Drama.—An investigation of the origin and early development of the English Drama culminating in Marlowe and Shakespeare. *Half-course (First Term), Tu., Th., at 10; Fri., at 12.*

4. Modern Essayists.—The essay form discussed with special attention to its modern development. The authors chiefly studied are Lamb, Macaulay and Stevenson. *Half-course (Second Term), Tu., Th., at 10; Fri., at 12.*

Courses 3 and 4 will not be offered in 1920-1921.

5. Modern Poetry.—Lectures and critical readings to illustrate the main tendencies of modern poetry. The poets chiefly studied are Tennyson, Browning and Matthew Arnold. *Half-course (First Term), Tu., Th., at 10; Fri., at 12.*

6. Eighteenth Century Essayists.—The aim of this course is to trace the early development of the essay form, and to interpret the history of the period by its literature. *Half-course (Second Term), Tu., Th., at 10; Fri., at 12.*

7. Elements of Literary Criticism.—The essential elements of literature, its chief forms, and the different methods and principles of criticism discussed. There will be constant illustration and application of these principles throughout the course. Winchester, Principles of Literary Criticism. *Hours to be arranged.*

8. Anglo-Saxon.—Smith, Old English Grammar.—Bright, Anglo-Saxon Reader. *Hours to be arranged.*

Course 8 is required in the English Historical Group.

Courses 5, 6, 7 and 8 are elective in all the groups.

EXPRESSION AND PHYSICAL EDUCATION

Miss MacCann

1. Technique of Voice and Speech.—Study of the vocal mechanism and analysis of speech sounds. Classwork and individual training. Interpretation of various forms of literature and extempore speaking. *Half-course. Two hours throughout the year.*

Course 1 is elective for young women of the Third year in all the groups.

2. Practice in Public Speaking.—Analysis and interpretation of classical and modern drama. Course 1 is a prerequisite. *Half-course. Two hours throughout the year.*

Course 2 is elective for young women of the Fourth year in all the groups.

3. Physical Education.—Outdoor sports and indoor gymnasium work arranged to meet the needs of students. Folk and aesthetic dancing from November to April in addition to regular gymnastic work. Each student is given a careful examination at the beginning of the college year and at the close of the required work.

This course is prescribed for all young women students but is not one for which academic credit may be claimed.

FRENCH

Professor Baden

1. Beginning French.—Essential forms and general rules of syntax.—Drill in pronunciation, practice in speaking and writing French.—Selected French Texts:—*e. g.* Claretie, Labiche et Martin, Verne, Scrive. *Tu., Th., Fri., at 8.*

This course is prescribed for those who do not offer French for admission. It absolves the requirements for students in the Classical Group.

2. Contemporary French Writers.—Representatives of the Modern Literary Mouvement: Taine, Renan.—Flaubert, Zola, Maupassant.—Theuriet, Loti.—France. Some of these or related authors will be read in class, others privately.—Grammar, composition, conversation.—Outlines of French Literature. *Tu., Th., Fri., at 1.*

3. Great French Novelists.—Hugo, Dumas, Balzac form the center of the work.—Private reading and analyses of related writers.—Grammar, composition, conversation.—Outline of French Literature. *Tu., Th., Fri., at 1.*

Courses 2 and 3 are given in alternate years. Course 3 will be given in 1920-1921.

4. Modern French Drama.—Selected plays of Beaumarchais, Hugo, Rostand, Maeterlinck carefully read and analyzed.—Rapid Readings in Regnier, Marivaux, Bornier, Brieux *et al.* to illustrate the evolution of Modern Drama.—Advanced Grammar and Composition.—Armstrong, Syntax of the Verb. *Wed., Fri., at 11.*

5. French Classic Drama.—Corneille, Racine, Molière: two plays each.—Students will read for private examination other plays of these and related authors.—Trois Femmes Ecrivains: Madame de la Fayette, Madame de Sévigné, Madame de Maintenon.—Social conditions in the Seventeenth Century.

Themes and analyses in French. History of French Literature in French. *Wed., Fri., at 11.*

Courses 4 and 5 are given in alternate years. Course 5 will be offered in 1920-1921.

6. French Prose Writers of the Seventeenth and Eighteenth Centuries.—First Term: Descartes, Pascal, La Rochefaucauld Bossuet, La Bruyère, (Selections).—Second Term: Voltaire, Montesquieu, Diderot, Rousseau. (Selected Works.) Boileau, L'Art Poétique.—Brunetière, Histoire et Littérature. Themes and Analyses in French.

Course 6 may be substituted in whole or part for courses 4 or 5.

SPANISH

Professor Baden

1. Beginning Spanish.—Essential forms and general rules of syntax. —Oral and written exercises.—Selected Spanish Texts: *e. g.* Dorado, España Pintoresca;—Alarcón, El Capitán Veneno;—Valdés, La Hermana San Sulpicio;—Galdo's Electra. *Mon., Wed., at 1; Th., at 2.*

2. Contemporary Novel and Drama.—First Term: Ibáñez, Bazán, Pereda, Valera, Moratín, Bretón. Each student will read one novel and one play for special examination.—Second Term: The Classic Drama and Cervantes: Lope de Vega, Calderón, Don Quixote.—Review of Grammar, conversation, prose composition.—General outline of Spanish Literature. *Hours to be arranged.*

GERMAN

Asst. Professor Yost

1. Elementary German.—Pronunciation, grammar, memorization of short German poems, practice in speaking and writing.—Vos, Essentials of German.—Allen, Herein.—Zschokke, Der zerbrochene Krug.—Heyse, L'Arrabbiata. *Hours to be arranged.*

This course is elective for all students who do not offer German for admission.

2. Second Year German.—Review of grammar, oral and written exercises, German songs, memorization of short poems, prose readings such as Die Schildbürger.—Seidel, Leberecht Hühnchen.—Storm, Auf der Universität.—Wildenbruch, Das edle Blut.—Keller, Kleider machen Leute. *Mon., at 11; Tu., at 10, Th., at 11.*

Course 2 is intended primarily for students who have taken Course 1 in college.

3. Intermediate German.—Review of grammar, conversation and written composition, selections from modern and classical German literature such as: Goethe, Hermann und Dorothea. —Freytag, Die Journalisten.—Eichendorff, Aus dem Leben eines Taugenichts.—Schiller, Maria Stuart.—Vilmar und Richter, German Epic Tales.—Riehl, Das Spielmannskind; Der stumme Ratsherr.—Reading at sight. *Hours to be arranged.*
4. Intermediate German.—Review of grammar, conversation and written composition, selections from modern and classical German literature such as: Lessing, Minna von Barnhelm.—Goethe, Iphigenie.—Heyse, Anfang und Ende.—Keller, Fähnlein der sieben Aufrechten.—Meyer, Gustav Adolfs Page.—Chamisso, Peter Schlemihl.—Reading at sight. *Hours to be arranged.*

Courses 3 and 4 are intended for students who offer German for admission, and are given in alternate years. Course 4 will be given in 1920-1921.

PHILOSOPHY

Professor Tower

1. Psychology.—An introductory study of conscious processes and functions with reference to their cerebral accompaniments and expression in human behavior. *Half-course (First Term), Mon., Wed., Fri., at 9.*
2. Logic.—A study of the guiding principles involved in correct thinking. The uses of terms and classification, the nature of deductive inference with special reference to fallacious forms of reasoning as they receive expression in daily life, the canons of inductive inference, and the basic concepts involved in scientific method are studied. *Half-course (Second Term), Mon., Wed., Fri., at 9.*
3. History of Ancient and Mediaeval Philosophy.—This course and the following are designed to assist the student in his interpretation of modern though-currents by giving him some acquaintance with the productions of the great constructive minds of the past. *Half-course (First Term), Mon., Wed., Fri., at 10.*
4. History of Modern Philosophy.—Descartes; Spinoza; Leibniz; the English Empiricists; Kant and Post-Kantian idealism; recent philosophical tendencies. *Half-course (Second Term), three hours, to be arranged.*

Courses 3 and 4 are required of all candidates for honors in philosophy.

5. Ethics.—A study of the principles of moral judgment, with exposition and criticism of the great theories concerning the basis of the distinction between right and wrong conduct. A consideration of the various problems of theoretical and practical ethics. Papers by students. *Half-course (First Term), Mon., Wed., Fri., at 8.*

Course 5 is prescribed in all the groups.

6. Philosophy of Religion.—An outline course designed to acquaint the student with the fundamental problems of the religious consciousness in their philosophical aspects. *Half-course (Second Term), Mon., Wed., Fri., at 8.*
7. Social Institutions.—A brief study of the development of the various forms of social organization which have conditioned progress. The forces of tradition, custom, public opinion, conformity, co-operation, and other psychological and social influences are discussed. *Half-course (Second Term), Mon., Wed., Fri., at 8.*

Courses 6 and 7 are offered in alternate years. Course 7 will be offered in 1920-1921.

8. Philosophical Seminar.—Recent and contemporary philosophical constructions and their critics. Idealism, Pragmatism, Neo-Realism. Selected portions of the works of Bradley, Royce, James, Schiller, Bergson, and the Neo-Realists will be read. *Half-course, two hours throughout the year.*

EDUCATION

Professor Omwake, Professor Tower, Asst. Professor Mertz

1. History of Education.—The development of educational ideas, institutions, and practices from earliest times to the present. This course provides a liberal outlook on civilization and aims to help the student acquire an appreciative understanding of the educational problems of the present time. *Half-course, Tu. and Th. at 11 throughout the year.*

Course 1 is prescribed in the Modern Language Group and is elective for third year students in all the groups.

2. Educational Psychology.—Theoretical Aspects. The data of psychology in their bearing on teaching and learning, the instinctive equipment of the learner, variation in human capacities, inheritance of human traits, rate and progress of learning, transference of training, and allied subjects, are considered. *Half-course (First Term), Mon., Wed., Fri., at 11.*
3. Educational Psychology.—Practical Considerations. The psychological processes involved in the study of special school subjects, habits and methods of study, methods of increasing

efficiency, objective measurements of proficiency, marks as indices of proficiency, are among the topics treated in the course. *Half-course (Second Term), Mon., Wed., Fri., at 11.*

4. Principles of Education.—The educative process; individual and social implications, including environment; education conceived under the forms of growth, direction, preparation, formal discipline; materials of education. Text-book, discussions and collateral readings. *Half-course (Second Term), hours to be arranged.*
5. Secondary Education.—The secondary school in America and in foreign countries; its aims, cultural and vocational; nature and interests of adolescents; subjects of the curriculum; program making. Discussions based on text-books and collateral readings. Papers and reports. *Half-course, Tu. and Th., at 10 throughout the year.*
6. Methods and Management.—General and special methods of instruction and recitation; organization of school systems; problems of administration; duties and responsibilities of school officers; guidance and discipline of pupils; school records. Lectures, collateral readings, papers and reports. *Half-course, Tu. and Th., at 10 throughout the year.*

Courses 5 and 6 are given in alternate years and are elective for Third and Fourth year students. Course 6 will be offered in 1920-1921.

7. Measurement of Intelligence.—Definition of intelligence; forward and backward minds; causes of retardation; history of the effort to measure intelligence, methods of measurement; mental tests now in use; technique and practice. Prerequisite, courses 2 and 3. *Half-course (Second Term), three hours to be arranged.*

In Pennsylvania, at least two hundred hours of pedagogical studies, such as psychology, ethics, logic, history of education, school management and methods of teaching must have been completed to secure a college certificate to teach.

Courses 1, 2, 3, 5 and 6 are required for a certificate to teach in the State of New Jersey.

THE ENGLISH BIBLE

Professor Wailes

1. Old Testament History (first term).—A study of the period from the Creation to the division of the Kingdom under Rehoboam, with emphasis on the divine purpose running through the history of Israel. The aim of this part of the course is to familiarize the student with the facts and to discuss the

problems of the period in the light of exploration and discovery during the last century. The Old Testament Prophets (second term).—An attempt to acquaint the student with the personality and message of each prophet. Their times and circumstances are portrayed, their doctrines are examined, and emphasis is laid on the value of their messages to the present age. Lectures, recitations, assigned readings, and papers on special topics. *Half-course, Tu., Th., at 3.*

Course 1 is prescribed for First year students in all the groups.

2. The Life of Christ (first term).—A series of topical studies presenting a sympathetic interpretation of the personality and ministry of Christ, giving special emphasis to the inspirational and permanent value of his message to us. The Life of Paul (second term).—A series of topical studies interpreting the personality and ministry of the Great Apostle. An analysis of the epistles book by book with a view to acquainting the student with the purpose and message of each. The other apostles and their writings are studied as time permits. Lectures, recitations, assigned readings and papers on special topics. *Half-course, Wed., Fri., at 2.*

Course 2 is prescribed for Third year students in all the groups.

HISTORY OF THE CHRISTIAN CHURCH

Professor Good

1. History of the Reformation.—The rise and progress of Protestantism.—The Reformation in Germany, Switzerland, France and Scotland.—Development of Christian Doctrine. *Half-course (Second Term), hours to be arranged.*

2. History of Christian Missions.—An account of early missionary efforts. Lives of great missionaries. Organization of missionary societies. Survey of mission fields. *Half-course (Second Term), hours to be arranged.*

HISTORY

Professor Munson

1. Mediaeval and Modern European History. A general course in European History from the establishment of the empire of Charlemagne to the present time. Special emphasis is placed on the formation and development of the chief states of Europe. Political, social and economic phases are studied

in connection with feudalism, the Renaissance, the Reformation, and commerce and industry. Lectures, recitations, collateral reading. *Mon., Wed., Fri., at 11.*

Course 1 is prescribed in all the groups.

2. Political History of England.—From the Norman Conquest to the present time. In considering the political, social and economic phases of the subject, it is designed especially to form a background for the study of American History, and to show the part England has played in the history of the world, presenting the growth of the British Empire. *Half-course (First Term), Mon., at 2, Tu., Th., at 9.*

3. English Constitutional History.—From Anglo-Saxon times to the present. The object is to show how the English Constitution has developed, and in what respects it has influenced the constitutions and governments of foreign countries. The course is especially valuable for those anticipating the study of the law. *Half-course (First Term), Mon., at 2, Tu., Th., at 9.*

Courses 2 and 3 are given in alternate years. Course 3 will be given in 1920-1921.

4. American History.—The attempt is made, first, to account for the successful colonization of America by the English, then to bring out the relations between the colonies and England, which led to the American Revolution. The economic, social and political phases of United States History are studied in connection with the constitution, political parties, the tariff, slavery, westward expansion, the growth of modern business and the part the nation is taking in world affairs. *Mon., Wed., Fri., at 9.*

Courses 2, 3 and 4 are prescribed in the Historical-Political group.

5. History of South America and the Orient. At a time when the field is of growing importance, the attempt is made to discover, by studying their history, how the United States may best solve the problem of relationship with South American and the Oriental countries. The course is especially valuable for those planning to enter the consular service or international business. *Half-course (Second Term), Mon., at 2, Tu., Th., at 9.*

POLITICAL SCIENCE

Professor MUNSON

1. Principles of Economics.—A general course in the development of economic theory and activity. The various theories of supply and demand, production, consumption and distribu-

tion are carefully studied to form a background for a consideration of practical problems such as the tariff, monopolies, the labor movement and public finance. *Half-course (First Term), Mon., Wed., Fri., at 10.*

Course 1 is prescribed in all the groups.

2. Money and Banking.—A detailed study of the various forms and uses of credit institutions as related to business, of national and international transactions. The course is especially valuable as a preparation for a business career. Prerequisite, Economics 1. *Half-course (Second Term), Mon., Wed., Fri., at 10.*

Course 2 will not be offered in 1920-1921.

3. American Government.—A critical study of the development and present form of political institutions in the states and nation. Special emphasis is placed on the party organizations and recent reforms in the suffrage. The government of the dependencies of the United States is given considerable attention. *Half-course (Second Term), three hours per week.*

MATHEMATICS AND ASTRONOMY

Professor Clawson

1. A study of logarithms; plane trigonometry with applications chiefly to the solution of triangles; the geometry of space; the elements of spherical trigonometry. Bocher and Gaylord, Trigonometry; Betz and Webb, Solid Geometry. *Mon., Wed., Fri., at 9.*

Course 1 is prescribed for all students.

1*a*. A review of elementary algebra; a study of the theory of equations, complex numbers, infinite series, choice and chance, determinants and other topics in algebra. Rietz and Crathorne, College Algebra. *Half-course (Second Term), three hours a week.*

Course 1*a* is optional for First and Second year students; it is recommended to students who expect to take up further work in Mathematics.

2. A study of the methods of Cartesian analytic geometry; applications chiefly to the geometry of the conic sections; polar coördinates; the elements of solid analytic geometry. Bocher, Analytic Geometry. *Half-course (First Term), three hours a week.*

Course 2 is prescribed in the Mathematical group.

3. An introductory course in the Calculus; the differentiation and integration of simple functions; applications in geometry and mechanics. *Half-course (Second Term), three hours a week.*

Course 3 is prescribed in the Mathematical group.

Candidates for the degree of Bachelor of Science must take two of the above half-courses in Mathematics in addition to Mathematics 1, which is prescribed for entrance to College for such candidates.

4. A standard course in the methods of the differential and integral calculus with applications. Granville, Calculus. *Three hours a week throughout the year.*

Course 4 is prescribed in the Mathematical group.

5. This course varies from year to year in accordance with the special needs of the class. A further study of some branch of geometry or analysis or mathematical physics is undertaken. *Full course or two half-courses, hours to be arranged.*

Course 5 is prescribed in the Mathematical group.

6. General Astronomy; facts and theories concerning the appearance, dimensions, constitution, motions and interrelations of the celestial bodies; practical applications. Moulton, Introduction to Astronomy. *Half-course, hours to be arranged.*

Course 6 is elective for all students who have taken Mathematics 1 and Physics 1.

7. An elementary course in descriptive geometry; the representation of points, lines, surfaces; projections, sections, developments. The use of drawing instruments; a study of lettering; mechanical drawing; tracings. Tracy and North, Descriptive Geometry. *Half-course, hours to be arranged.*

Course 7 is elective for students who have taken Mathematics 1.

Courses 6 and 7 are given in alternate years. Course 7 will be given in 1920-1921.

PHYSICS

Professor Clawson

1. General Physics.—A year's course designed to give the student a broad outlook over the field of Physics. The text-book is studied, illustrative problems are solved and laboratory exercises are performed to bring out the important fundamental laws of mechanics, heat, sound, light and electricity. Practical applications are adequately treated. Occasional

reference is made to the historical development and to changing hypotheses in certain subjects. *Class work, Tu., Th., at 9. Laboratory work, Tu., Th., 2-4.*

Course 1 is prescribed for candidates for the degree of Bachelor of Science in the Mathematical Group and is elective in all of the other groups. Prerequisite, Plane Trigonometry.

CHEMISTRY

Professor Beardwood, Mr. Dietz

1. General Chemistry.—Experimental lectures, oral and written recitations, and laboratory work. The lecture periods are devoted to the discussion of facts and theories of general chemistry and are kept thoroughly parallel with the laboratory periods, each being the parts of a coherent whole; thus assuring to the student a comprehensive and connected view of the important facts, theories and laws of general chemistry. Remsen, College Chemistry. Meyer, Outlines of Theoretical Chemistry. *Wed., Fri., at 2.*

Laboratory Work.—Experiments and analysis. Each student performs over two hundred experiments in general chemistry, after which he learns the methods of qualitative analysis and is required to separate and identify elements in all the groups. He preserves a record of all laboratory work done in a notebook, properly paged and indexed. *Wed., Fri., at 3. Laboratory work, four hours weekly.*

Course 1 is prescribed in the Chemical-Biological group, and is elective in the other groups.

2. Qualitative Analysis.—The physico-chemical basis of analytical chemistry is emphasized. The course aims thoroughly to acquaint the student not only with the fundamental procedures in qualitative analysis of the non-metals and metals but in addition is designed to afford practice in the analysis of minerals, alloys and commercial products. Prerequisite, Course 1. Stieglitz, Qualitative Chemical Analysis; Crosby, Determinative Mineralogy. Lectures, recitations and laboratory work. *Wed., Fri., at 1.30. Laboratory work eight hours weekly.*

Course 2 is prescribed in the Chemical-Biological group and is elective in the other groups. Prerequisite, Course 1.

3. Quantitative Analysis.—A course designed to acquaint the student with the most acceptable methods of gravimetric and volu-

metric analysis. Newth, Manual of Analytical Chemistry; Fresenius, Quantitative Analysis. Lectures, recitations and laboratory work. *Half-course. Wed., at 1.30. Laboratory work three hours weekly.*

4. *(a)* Organic Chemistry.—Lectures, recitations and laboratory work. The study of the properties, synthesis and structure of the most important classes of the carbon compounds. The student prepares and studies experimentally the typical carbon compounds. Remsen, Organic Chemistry. Von Richter, Organic Chemistry. *Wed., Fri., at 1.30.*

(b) Chemical Physiology.—Lectures, recitations and laboratory work. This includes a study of the chemic composition of the body and the chemic changes it undergoes; the chemistry of foods, the action of the digestive enzymes upon them, and the chemistry of the different body fluids. Halliburton, Chemical Physiology. *Wed., Fri., at 1.30.*

Courses 2 and 3 alternate with Course 4. Course 4 will be given in 1920-1921.

GEOLOGY

Professor Allen

1. This course emphasizes chiefly the contributions of geology to physiography. It includes an interpretation of the typography of the Eastern United States, together with a study of the rocks and surface of the Philadelphia district and the region about Collegeville. Lectures, theses and field excursions. *Tu. and Th., at 8.*

This course is offered in alternate years; not given in 1920-1921.

BIOLOGY

Professor Allen

1. Sanitation and Hygiene.—A course which deals with the problems of sanitation met by the community and the individual under present social conditions. Lectures, theses and discussions. *Half-course, Mon. and Wed., at 8.*

2. General Zoology.—The student is introduced to the various fields of modern Zoology, to its leading problems, and to its applications in society. Lectures, recitations, laboratory work. *Tu. and Th., at 10; Mon. and Wed., 1-3.*

3. Botany.—First semester, Thallophytes and Bryophyta; second semester, Pteridophyta and Spermatophyta. Two hours lectures; four hours laboratory work. *Tu. and Th., at 10; Mon. and Wed., 1-3.*

Courses 2 and 3 are given in alternate years. Course 2 will be given in 1920-1921.

4. Comparative Anatomy of the Vertebrates.—This course is designed for prospective medical students, for teachers and for others especially interested in biology. The vertebrate series is studied by dissection of typical forms, and the contributions of comparative anatomy to the problems are taken up by lectures and readings. Laboratory and lectures. Prerequisite, Course 2. *Mon. and Wed., 9-12.*

5. Histology and Embryology.—This course, like Biology 4, is technical in character, and is designed for the same class of students. It comprises preparation and study of tissues and of a selected series of embryos. Two consecutive laboratory periods of three hours each. Prerequisite, Course 2. *Hours to be arranged.*

Courses 4 and 5 are given in alternate years. Course 5 will be offered in 1920-1921.

6. Heredity. This course is designed for students who may have had no biological training but who desire to familiarize themselves with the recent work on heredity. Lectures, theses, discussions. *Half-course, two hours per week, to be arranged.*

Course 6 is given in alternate years; offered in 1920-1921.

MUSIC

Mr. Jolls, Miss Waldron

1. Sight Singing and Ear Training.—Notation, rhythm, tone relations, scale relations, transitions, modes, modulations and intervals. A fundamental course. *Half-course. Two hours per week.*

2. Harmony.—Triads and their inversions. Chords of the seventh. Augmented sixth chords. Modulations. Transpositions. Suspensions. *Three hours per week.*

3. Advanced Harmony and Counterpoint.—Harmonizing melodies. Analysis of chorals. Insertion of more than four parts. Enharmonic changes. Strict and free counterpoint. Double counterpoint. Canon. Imitation. Fugue. *Three hours per week.*

4. History of Music. Development of music in its various forms from the beginning of the Christian era to the present time, with special reference to the progress of musical taste and culture. Text, lectures and collateral reading. *Half-course. One hour per week.*

Private instruction is provided in Practical Music (piano, violin and voice). For terms see page 69.

MEDICAL PREPARATORY COURSES

The College offers to students looking forward to the study of medicine the following curricula arranged in recognition of the demands of different classes of students and in view of the requirements of medical colleges:

Four Year Curriculum.—As a complete preparation giving the student a liberal education as well as special training in certain branches of learning, and meeting the requirements of the most exacting medical institutions, the College provides the carefully articulated arrangement of courses represented in the Chemical-Biological group (see page 55). Twenty full courses (sixty year-hours) or an equivalent amount of courses and half-courses are required embracing four years of college work and qualifying the candidate for the bachelor's degree.

The College recommends this curriculum as best meeting the requirements of the medical profession. Graduates of Ursinus College who, as students in college, pursued this group of studies, have taken high rank in the various medical colleges and subsequently in the practice of their profession.

Two Year Curriculum.—Nearly all the great medical schools including those of the University of Pennsylvania, Harvard, Yale and Columbia, receive students whose preparation has been less than that represented in a full college course, provided it includes certain subjects of study and embraces at least two years of work in college. To meet the needs of such students, Ursinus College offers a two-year pre-medical curriculum including the following courses: Chemistry 1 and 2, Physics 1, Biology 2, German 3 or 4, or French 2 or 3, and Mathematics 1. Ten courses in all, of which three may be elective, are required of students pursuing the Two Year Curriculum.

Admission to Medical Preparatory Courses.—Candidates for admission who intend to pursue the Four Year Curriculum must comply with the regular terms of admission as set forth on pages 26 and 27. Others must present certificates showing that they have had four years of work in an accredited secondary school or its equivalent, and indicating that they have satisfactorily completed fourteen units of preparatory work, seven of which must be distributed as follows: English, 2 units; Mathematics, 2 units; Latin, Greek or French, 2 units; and History, 1 unit. Blank forms for these certificates are furnished by the Dean of the College to whom all communications on the subject and all certificates should be addressed.

GROUPS OF COURSES

The Courses of Instruction are offered in carefully arranged groups, each comprising (1) dominant subjects, which adapt the courses to the needs of particular classes of students and afford special preparation for professional study: (2) related subjects, to give the breadth and symmetry requisite in a liberal education; (3) studies common to all the groups and required of all students.

A student may substitute, with the approval of his group Adviser and the Faculty, other studies for elective courses laid down in his group; or, at the close of a year, he may change to another group. When a student changes to another group he will, however, receive credit toward graduation only for such of the prescribed courses which he may have completed as are included in the group to which he has received permission to change.

CHOICE OF STUDIES

Before a student may register he must obtain his Adviser's approval of his choice of studies. He must include in the list all his studies, both prescribed and elective, *for the whole year.*

A student is not allowed to register for more than five and one-half courses in any one year, nor for less than four courses in the Fourth year, without special permission of the Faculty. In case of conditions in any year a student, with the consent of his Adviser and the Dean, may take in addition to his regular schedule, conditions equivalent to one full course. It is strongly advised, however, that all such work be done in the Summer Session. Courses to satisfy conditions shall take precedence of regular courses.

REQUIREMENTS FOR GRADUATION

A student must complete, for the degree of Bachelor of Arts or Bachelor of Science, *twenty full courses,* or an equivalent number of courses and half-courses, as follows: First year, five and one-half courses; Second year, five courses; Third year, five courses; Fourth year, four and one-half courses. If at the beginning of any year after the first, his record of work done is complete he may elect an extra course.

Such extra course does not count towards the twenty full courses required of him for a degree, but may count for department honors.

Number of Courses from each Department Prescribed for Graduation in each of the Several Groups

Groups		Latin	Greek	English	French	Spanish	Philosophy	Education	Bible	History	Economics	Politics	Mathematics	Science (Laboratory)
Classical	A. B.	3 or 4	3 or 2	2	1	1	1½		1	1	½		1	1
Mathematical	A. B.	1		2	2	1	1½		1	1	½		4	2
	B. S.			2	2	2	1½		1	1	½		4	2
Chemical—Biological	A. B.	1		2	2	1	1½		1		½		1	5
	B. S.			2	2	2	1½		1		½		2	5
Historical—Political	A. B.	1		2	2	2	1½		1	3	½	1	1	1
	B. S.			2	2	2	1½		1	3	½	1	2	1
English—Historical	A. B.	1		4	2	1	1½	1	1	2	½		1	1
	B. S.			4	2	2	1½	1	1	2	½		2	1
Modern Languages	A. B.	1		2	3 or 4	2	1½	½	1	1	½		1	1
	B. S.			2	3 or 4	2	1½	½	1	1	½		2	1

Students who have passed a modern language for admission are required to take only one year additional of the language passed, except in the case of members of the Classical group, who must begin the study of Greek instead, and of all candidates for the degree of Bachelor of Science, who are required to take at least two years additional.

The requirements in modern languages and laboratory science must be fulfilled one year prior to graduation.

On the following pages, in the tabulated statement of the Groups, the figures or letters attached to the subjects refer to the courses of instruction, as arranged according to departments on the preceding pages.

Prescribed courses are printed in **Heavy-Faced Type;** elective courses in light-faced type.

Groups of Courses

CLASSICAL GROUP

First Year

Latin 1
Greek 1 *or* **2**
Mathematics 1
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
French 1; *or*
Spanish 1
German 1 *or* 2
Mathematics 1a, *hf.*
Biology 1, *hf.*
Physics 1
Music 1, ***hf.***

Second Year

Latin 2
Greek 2 *or* 3
English Comp. 2, *hf.*
English Lit. 2, *hf.*
History 1
French 1 *or* 2
Spanish 1 *or* 2
German 1, 2 *or* 4
Biology 1, *hf.*
Chemistry 1; *or*
Biology 2
Mathematics 1a, *hf. or* 2
Music 2

Third Year

Latin 3; *or*
Greek 4 *or* 7
Philosophy 1, 2
Political Science 1, *hf.*
English Bible 2, *hf.*
Chemistry 1
Biology 2 *or* 5
Political Science 2, *hf.*
Education 1, *hf.*
Education 2, 3
Education 4, *hf.*
Education 5 *or* 6, *hf.*
English Comp. 3, *hf.*
English Lit. 5 *or* 6, *hf.*
English Lit. 7
Expression 1, *hf.*
French 2
Spanish 2
German 2 *or* 4
History 3, *hf.*
Mathematics 1a, *hf.*
Mathematics 2, *hf.*
Music 3 ***or*** **4**

Fourth Year

Greek 4 *or* 7; *or*
Latin 3
Philosophy 5, *hf.*
Latin 5
Greek 6
Church History 2, *hf.*
Education 1, *hf.*
Education 2, 3
Education 4, *hf.*
Education 6 *or* 7, *hf.*
Philosophy 3, 4.
Philosophy 6, *hf.*
Philosophy 7 *or* 8, *hf.*
English Comp. 3 *or* 4, *hf.*
English Lit. 5, 6
English Lit. 7
English 8
Expression 2, *hf.*
History 3, *hf.*
Political Science 3, *hf.*
Mathematics 7, *hf.*
Biology 6, *hf.*
Music 3 ***or*** **4**

MATHEMATICAL GROUP

First Year

Mathematics 1; *or* **2, 3**
Latin 1; *or* **Physics 1**
French 1, 2 *or* **4**
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
Spanish 1 *or* 2
German 1, 2 *or* 4
Mathematics 1a, *hf.*
Biology 1, *hf.*
Music 1, *hf.*

Second Year

Mathematics 2, 3; *or* 4
Latin 2*
English Comp. 2, *hf.*
English Lit. 2, *hf.*
History 1
French 2 *or* 4
German 2 *or* 4
Mathematics 1a, *hf.*
Biology 1, *hf.*
Biology 2
Chemistry 1
Music 2

Third Year

Mathematics 4 *or* **5**; *or*
Latin 3*
Philosophy 1, 2
Political Science 1, *hf.*
English Bible 2, *hf.*
Education 1, *hf.*
Education 2, 3
Education 4 *or* 6, *hf.*
Chemistry 4
Biology 2 *or* 5
Mathematics 7, *hf.*
Political Science 3, *hf.*
English Comp. 3, *hf.*
English Lit. 5, *hf.*
English Lit. 6, *hf.*
English Lit. 7
Expression 1, *hf.*
French 3
German 4
History 3, *hf.*
Music 3 *or* 4

Fourth Year

Mathematics 5; *or*
Latin 3*
Philosophy 5, *hf.*
Mathematics 7, *hf.*
Education 1, *hf.*
Education 2, 3
Education 4, 6 *or* 7, *hf.*
Philosophy 3, 4
Philosophy 6, *hf.*
Philosophy 7 *or* 8, *hf.*
English Comp. 3 *or* 4, *hf.*
English Lit. 5, 6, 7 *or* 8
Expression 2, *hf.*
Latin 5
History 4 *or* 5
Political Science 3, *hf.*
Mathematics 7, *hf.*
Geology 1, *hf.*
Biology 6, *hf.*
Music 3 *or* 4

* A course in science may be substituted for the course here prescribed.

CHEMICAL-BIOLOGICAL GROUP

First Year

Latin 1; *or*
French 1, 2 *or* 4
Spanish 1 *or* **2**
Mathematics 1; *or* **2, 3**
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
German 1, 2 *or* 4
Mathematics 1a, *hf.*
Physics 1
Chemistry 1
Biology 1, *hf.*
Music 1, *hf.*

Second Year

Chemistry 1 *or* **2**
Biology 2
French 2 *or* 4; *or*
Spanish 2
English Comp. 2, *hf.*
English Lit. 2, *hf.*
History 1
German 4
Mathematics 2, *hf.*
Mathematics 3, *hf.*
Biology 1, *hf.*
Music 2

Third Year

Chemistry 4; *or*
Biology 2 *or* **5**
Philosophy 1, 2
English Bible 2, *hf.*
Political Science 1, *hf.*
Chemistry 3, *hf.*
Political Science 2, *hf.*
Education 1, *hf.*
Education 2, 3
Education 4, *hf.*
Education 5 *or* 6, *hf.*
English Comp. 3, *hf.*
English Lit. 5, *hf.*
English Lit. 6, *hf.*
English Lit. 7
Expression 1, *hf.*
German 4
French 3
History 3, *hf.*
Mathematics 7, *hf.*
Mathematics 5
Music 3 *or* 4

Fourth Year

Biology 5; *or*
Chemistry 4
Philosophy 5, *hf.*
Biology 6, *hf.*
Philosophy 3, 4
Philosophy 6, *hf.*
Philosophy 7 *or* 8, *hf.*
Education 2, 3
Education 4 *or* 6, *hf.*
Education 7, *hf.*
English Comp. 3, *hf.*
English Comp. 4, *hf.*
English Lit. 5 *or* 6
English Lit. 7
English Lit. 8
Expression 2, *hf.*
History 3, *hf.*
History 4 *or* 5
Political Science 3, *hf.*
Mathematics 7, *hf.*
Geology 1, *hf.*
Music 3 *or* 4

HISTORICAL-POLITICAL GROUP

First Year

Latin 1; *or*
French 1, 2 *or* 3
Spanish 1 *or* 2
Mathematics 1; *or* 2, 3
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
German 1, 2 *or* 4
Mathematics 2, *hf.*
Physics 1
Chemistry 1
Biology 1, *hf.*
Music 1, *hf.*

Second Year

History 1
French 2 *or* 3
Spanish 1 *or* 2
English Comp. 2, *hf.*
English Lit. 2, *hf.*
German 1, 2 *or* 4
Chemistry 1
Biology 1, *hf.*
Biology 2
Mathematics 2, *hf.*
Mathematics 3, *hf.*
Music 2

Third Year

History 3, *hf.*
Political Science 1, 3
Philosophy 1, 2
English Bible 2, *hf.*
History 5, *hf.*
Chemistry 4
Biology 2 *or* 5
Education 1, *hf.*
Education 2, 3
Education 4, *hf.*
Education 5 *or* 6, *hf.*
English Comp. 3, *hf.*
English Lit. 5, *hf.*
English Lit. 6, *hf.*
English Lit. 7
Expression 1, *hf.*
Spanish 2
French 3
German 4
Mathematics 4
Music 3 *or* 4

Fourth Year

History 4
Political Science 3
Philosophy 5, *hf.*
Church History 1 *or* 2, *hf.*
Education 1, *hf.*
Education 2, 3
Education 4 *or* 6, *hf.*
Education 7, *hf.*
Philosophy 3, 4
Philosophy 7, *hf.*
Philosophy 8, *hf.*
English Comp. 3, *hf.*
English Comp. 4, *hf.*
English Lit. 3 *or* 4
English Lit. 7 *or* 8
Expression 2, *hf.*
French 4
Mathematics 7, *hf.*
Geology 1, *hf.*
Biology 6, *hf.*
Music 3 *or* 4

ENGLISH-HISTORICAL GROUP

First Year

Latin 1; *or*
French 1, 2 *or* 3
Spanish 1 *or* 2
Mathematics 1; *or* 2, 3
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
German 1, 2 *or* 4
Mathematics 1a, *hf.*
Physics 1
Chemistry 1
Biology 1, *hf.*
Music 1, *hf.*

Second Year

English Comp. 2, *hf.*
English Lit. 2, *hf.*
History 1
French 2 *or* 3; *or*
Spanish 1 *or* 2
Latin 2
German 2 *or* 4
English 8
Chemistry 1
Biology 1, *hf.*
Biology 2
Mathematics 2 *or* 3, *hf.*
Music 2

Third Year

English Lit. 7 *or* 8
Philosophy 1, 2
History 2, *hf.*
English Bible 2, *hf.*
Education 1, *hf.*
Education 2, 3
Education 4, *hf.*
Education 5 *or* 6, *hf.*
Political Science 1, *hf.*
Political Science 3, *hf.*
Chemistry 2 *or* 4
English Comp. 3, *hf.*
English Lit. 7
English Lit. 5, 6
Expression 1, *hf.*
French 3
Spanish 2
Mathematics 7, *hf.*
Mathematics 4
German 4
Music 3 *or* 4

Fourth Year

English Lit. 3, 4; *or* 7; *or*
History 4
Philosophy 5, *hf.*
Education 4, *hf.*
Education 2, 3
Education 7, *hf.*
Philosophy 3, 4
Philosophy 6, *hf.*
Philosophy 7 *or* 8, *hf.*
English Comp. 3 *or* 4, *hf.*
English Lit. 5, 6
English Lit. 7
English Lit. 8
Expression 2, *hf.*
French 2 *or* 3
History 5, *hf.*
Political Science 2, *hf.*
Mathematics 7, *hf.*
Geology 1, *hf.*
Biology 6, *hf.*
Music 3 *or* 4

MODERN LANGUAGE GROUP

First Year

Latin 1; *or*
French 1, 2 *or* 3
Spanish 1 *or* 2
Mathematics 1; *or* 2, 3
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
German 1, 2 *or* 4
Mathematics 1a, *hf.*
Physics 1
Chemistry 1
Biology 1, *hf.*
Music 1, *hf.*

Second Year

French 2 *or* 3; *or*
Spanish 2
English Comp. 2, *hf.*
English Lit. 2, *hf.*
History 1
Latin 2
German 2 *or* 4
Chemistry 1
Biology 1, *hf.*
Biology 2
Mathematics 2, *hf.*
Mathematics 3, *hf.*
Music 2

Third Year

French 3 *or* 6
Philosophy 1, 2
Political Science 1, *hf.*
English Bible 2, *hf.*
Education 1, *hf.*
Education 2, 3
Education 4, *hf.*
Education 5 *or* 6, *hf.*
Political Science 2, *hf.*
Chemistry 2
Biology 2
Biology 3
Physics 1
History 2, *hf.*
English Comp. 3, *hf.*
English Lit. 5, *hf.*
English Lit. 6, *hf.*
English Lit. 7, *hf.*
Expression 1, *hf.*
German 4
Mathematics 7, *hf.*
Music 3 *or* 4

Fourth Year

French 3 *or* 6; *or*
English 3, 4; *or* 7
Philosophy 5, *hf.*
English Comp. 4, *hf.*
English Lit. 5, *hf.*
English Lit. 6, *hf.*
English Lit. 7
English Lit. 8
Expression 2, *hf.*
German 4
Philosophy 3, 4
Philosophy 6, 7 *or* 8, *hf.*
Education 2, 3
Education 4, *hf.*
Education 5, 6 *or* 7, *hf.*
History 3, *hf.*
History 4 *or* 5, *hf.*
Political Science 3, *hf.*
Mathematics 7, *hf.*
Geology 1, *hf.*
Biology 6, *hf.*
Music 3 *or* 4

HOURS OF COLLEGE COURSES, 1920-1921 (Subject to Change)

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
8–8.50	Biology 1 Latin 2 Pol. Sci. 1 Philosophy 5, 6	Spanish 1 Latin 3 Mathematics 4 Eng. Lit. 8	Biology 1 Eng. Comp. 2 Pol. Sci. 1 Philosophy 5, 6	Spanish 1 Latin 3 Mathematics 4 Eng. Lit. 8	French 1 Latin A Eng. Comp. 1c Pol. Sci. 1 Philosophy 5, 6
9–9.10	Chapel Service Daily				
9.10–10	Mathematics 1a Latin 1b Eng. Lit. 2 Spanish 2 Biology 5 History 4	French 1 Latin A Eng. Lit. 1c Philosophy 2 Eng. Lit. 7	Mathematics 1a Latin 1b Eng. Comp. 2 Spanish 2 Biology 5 History 4	French 1 Latin A Eng. Comp. 1c Philosophy 2 Eng. Lit. 7	Mathematics 1a Latin 1b Eng. Lit. 2 Spanish 2 History 4
10.05–10.55	Latin 1a Mathematics 1b History 1 French 5 Biology 5 Philosophy 3	Greek 1 Greek 3 Physics 1 Biology 2 History 3 Education 6	Latin 1a Mathematics 1b History 1 French 5 Biology 5 Philosophy 3	Greek 1 Greek 3 Physics 1 Biology 2 History 3 Education 6	Latin 1a Mathematics 1b History 1 French 5 Philosophy 3
11–11.55	Greek 1 French 2a Eng. Lit. 5, 6 Biology 5 Mathematics 5	Eng. Lit. 1a Eng. Bible 1b Latin 2 Education 1 Expression 2	Greek 6 French 2a Eng. Lit. 5, 6 Biology 5 Mathematics 7	Eng. Comp. 1a Eng. Bible 1b Eng. Comp. 2 Latin 2 Education 1 Expression 2	Eng. Lit. 1a French 2a Eng. Lit. 5, 6 Mathematics 5
1–1.55	Mathematics 2 Biology 2	Eng. Bible 1a Eng. Lit. 1b Expression 1 Physics 1 Education 7	Mathematics 2 Biology 2	Eng. Bible 1a Eng. Lit. 1b Expression 1 Physics 1 Education 7	Eng. Lit. 1b Mathematics 2 Philosophy 2
2–2.55	History 3 Education 2, 3 Biology 2	Greek 2 Physics 1	Chemistry 2 Biology 2 Education 2, 3	Greek 2 Physics 1	Education 2, 3 Chemistry 1
3–3.55	Spanish 1 Mathematics 4 Greek 6 Eng. Lit. 8	French 2b Eng. Bible 2	Greek 2 Chemistry 1	French 2b Eng. Bible 2 Eng. Comp. 4	French 2b Chemistry 2

Hours to be specially arranged for all courses not listed above.

BUILDINGS AND EQUIPMENT

BUILDINGS

Bomberger Memorial Hall, named for the first President of the College, is a large and imposing structure in the Romanesque style of architecture, built of Pennsylvania blue marble. In this building are the chapel and auditorium, ten commodious and well-lighted recitation rooms, three laboratories, the library, reading room, society halls, and administration offices. It is heated with steam and lighted by electricity. The College is indebted for the building to the generosity of the late Mr. Robert Patterson, of Philadelphia, whose donations to the building fund amounted to $32,000, and to gifts from numerous other friends.

The Clark Memorial Organ, erected in 1916 as the gift of Mrs. Charles Heber Clark of Conshohocken, Pa., occupies an advantageous position in the front of the chapel in Bomberger Memorial Hall. The organ is a memorial to the late Charles Heber Clark, LL.D.

Freeland Hall, the original building of Freeland Seminary, Derr Hall, a memorial to the late Reverend Levi K. Derr, D.D., and Stine Hall, a memorial to the late Daniel Stine in grateful recognition of benefactions to the college by his daughter, Mrs. Augustus L. Kaub, constitute a fine group of buildings occupying a position in contiguous arrangement in the center of the campus. During the summer of 1913 these structures were completely remodeled and are now practically new buildings thoroughly adapted to the present needs of the college. The buildings are of stone, four stories in height with a fifth story of dormer rooms. The outer surfaces have a white sand finish while the windows are fitted with green blinds. An imposing portico of masonry and concrete having four classic columns rising to the full height of the building and surmounted with a pediment of terra cotta graces the main entrance. The original cupola, somewhat altered in design,

remains to provide a permanent place for the college bell which has here swung aloft and summoned students to classes for more than seventy years.

On the ground floors are three communicating dining rooms providing sittings for more than three hundred persons. The largest of these is a memorial to Israel B. and A. Lizzie Shreiner, friends and benefactors of the college. A large, airy kitchen of entirely new structure and containing a complete equipment of new and most approved design, occupies the entire space in the rear court formed by the three buildings. This and the dining rooms are provided with marbleoid floors and are built on strictly sanitary lines. By means of lateral windows and vault lights, open hearths and direct overhead ventilators, these compartments are at all times well lighted and healthful. The remaining space on the ground floors provides store-rooms, and the office of the Superintendent of the Domestic Department. The kitchen is overlaid with a floor of steel and concrete, providing a fine elevated plaza as a thoroughfare of approach from the rear to all three buildings.

On the main floor of Freeland Hall are the Directors' Rooms and the Y. M. C. A. Social Rooms. The other portions of these buildings are fitted up for residential purposes. The rooms are of varying size designed for one or two occupants, a considerable number being arranged en suite. Ample lavatory, bath and toilet facilities are provided on each floor. All parts of these buildings are lighted by electricity and heated with steam.

Olevian Hall, a spacious dwelling on the west campus, is one of the homes for young women. This building has all the appointments of a complete home. The rooms are large, lighted by electricity and heated with steam.

Shreiner Hall, occupying a prominent position fronting on Main Street and facing the College Campus, is a large, improved and well-furnished residence hall for young women. This is a three-story brick building, comfortably and conveniently arranged for the accommodation of twenty-five students. On the first floor are a reception room, music

rooms and office of the principal. The rooms for students vary in size, but are uniformly well lighted and comfortable. The building is heated throughout with steam and provided with electric light.

Trinity Cottage, acquired in 1916 as an additional residence hall for young women, is an attractive brick building, conveniently located in Sixth Avenue, having eighteen rooms and provided with hot and cold water, steam heat and electric light. This building, with the grounds on which it is located, represents a joint benefaction to the college by Henry M. Housekeeper, an elder in Trinity Reformed Church, Philadelphia and Abram G. Grater, an elder in Trinity Reformed Church, Norristown, Pa.

The Maples is a large, gray three-story brick building, adjoining the campus on the south front, which has recently been leased to accommodate the increased numbers of young women students.

Sprankle Hall, a stone mansion on the east campus fronting on Fifth Avenue, is a large residence, three stories in height, with porches and veranda, and contains all of the conveniences of a comfortable home.

Superhouse, the attractive residence on Main Street opposite the college grounds bequeathed to the College by the late Henry W. Super, D.D., LL.D., Vice-President and Professor of Mathematics, 1870-1891, and Acting President, 1892-1893, and constituting a fitting memorial of his long and valued services to the institution, is the home of the President.

The Thompson Athletic Cage, erected in 1912 as a memorial to Robert W. Thompson, occupies a site on high ground adjacent to the athletic field. This is a spacious and substantial building providing facilities for all forms of indoor athletics and affording opportunities for recreation during the winter months.

The Field House, convenient to the cage and the athletic field, is one story in height, built of native stone, with jagged

edges and heavy joints, the whole presenting a rustic effect. The house contains dressing rooms, shower baths, toilets, a heating plant, supply room, and office for the Athletic Director.

A central heat and water plant, enlarged and newly equipped in 1919, furnishes steam heat for the principal buildings, and distributes excellent water from artesian wells to all the buildings on the premises.

A substantial stone barn, somewhat removed from the college buildings and grounds, and convenient to the fields and gardens, is the center of the agricultural, vegetable and dairy industries of the institution.

LABORATORIES

The Biological Laboratory is on the first floor of Bomberger Memorial Hall, and has a north and west exposure. The room is 30 x 40 feet in size, is well lighted and thoroughly fitted with tables, desks, cabinets, lockers, aquaria, etc. The laboratory equipment consists of twenty-seven compound microscopes with powers ranging up to 1000 diameters, dissecting microscopes, microtomes, projection lantern, stereopticon, camera lucida, water baths, incubator, and other such apparatus, glassware and reagents as are needed in the study of general morphology, histology and cytology of plants and animals.

Each student is provided with all the instruments, glassware and reagents needed; but he is held responsible for the care of these. The laboratory will accommodate thirty students at one sitting.

A considerable collection of zoölogical and botanical material, including the private collection of the late Professor P. Calvin Mensch, bequeathed to the College, is used for museum and illustration purposes. A recently formed and rapidly growing herbarium offers a fair illustration of the flora of North America.

The recent gift of Henry Croskey Allen, M.D., of Norristown, Pa., adds valuable demonstration material. This consists

of a full size human manikin, a complete set of lantern slides on human anatomy, a large number of histological and embryological microscopic slides, and a set of neurological wall-charts.

A small department library, containing zoölogical, botanical and physiological works in English, French and German, besides many pamphlets, reprints and government reports, is open to the use of students in Biology.

The Physical Laboratory is situated in the second story of Memorial Hall. Modern improvements have recently been introduced and large additions made to the equipment, so that excellent facilities are provided for experimental work in every branch of Physics. The apparatus is of modern design, and has been selected with great care from the best European and American makers. The list includes a small dynamo, Ruhmkorff coil, galvanometers with telescope and scale, dynometer, apparatus for demonstrating wireless telegraphy, spectrometer (Geneva Society), spectroscope (Geneva Society), polariscope, four-inch refracting telescope, a 4 x 5 camera fitted with a superior planatograph lens, and a lathe for wood and metal turning, with screw-turning attachment.

The dark room, for photographic work, 10 x 12 feet in size, is provided with running water, sinks and all necessary apparatus for making negatives and lantern slides.

The Chemical Laboratory occupies a room 30 x 40 feet in size, well lighted, well ventilated and equipped with all the necessary apparatus for experimental work in general, analytical and organic Chemistry. Tables have been fitted up for the accommodation of thirty-eight students, and each table is provided with such appliances as are necessary for gas generation and measurement, distillation, and the performance of experiments belonging to these courses. Students are held responsible for all breakages.

Tables have also been equipped for the performance of experiments in Physiological Chemistry in connection with the course given in Physiology.

THE COLLEGE LIBRARY

The College Library contains about fifteen thousand volumes, selected mainly for the purpose of study, reference and thoughtful reading. The Library is open every week-day from 8.15 a. m. to 5 p. m., Sunday 2 to 4 p. m., and on appointed evenings during the week. Members of the College are allowed free access, under a few necessary limitations, to all the bookshelves. Each student is permitted to take out two volumes at a time. In addition to these privileges, special arrangements have been made which enable students to obtain books from Philadelphia libraries.

The reading room is supplied with foreign and American periodicals. The shelves contain encyclopedias, dictionaries, and other books for particular and general reference. The following newspapers and periodicals appear on the files and tables during the course of the year:

NEWSPAPERS.—The Public Ledger, The Philadelphia Record, Springfield Republican, The Allentown Morning Call, The Dearborn Independent, American Economist, Reformed Church Messenger, Reformed Church Record, Christian World, The Lutheran, Christian Work, Union Signal, and the local papers.

PERIODICALS.—The Atlantic Monthly, Scribner's Magazine, The Century Magazine, Harper's Magazine, The Bookman, The World's Work, The Contemporary Review, The Fortnightly Review, The Nineteenth Century and After, The North American Review, The Outlook, The Independent, The Nation, The Review of Reviews, The Survey, The Missionary Review, The Outlook of Missions, The Reformed Church Review, Modern Language Notes, German American Annals, The Scientific American, The American Naturalist, The Scientific Monthly, Forest Leaves, Farm Journal, Science, Political Science Quarterly, The American Journal of Sociology, Philosophical Review, Mind, The Psychological Review, The Psychological Bulletin, The Journal of Philosophy, Psychology and Scientific Method, The Classical Review, The American Historical Re-

view, The Economic Bulletin, Educational Review, School and Society, and a number of other periodicals.

POST OFFICE AND SUPPLY STORE

The College maintains a Post Office for the handling of all mail matter. Adjacent to the Post Office is a Supply Store, in which is kept on sale a full line of text-books (new and second-hand), stationery, athletic goods, fruits and confections, souvenirs, novelties, and students' supplies. The profits of the Store are used in the support of the College Library.

SOCIETIES

Two literary societies, the Zwinglian and the Schaff, each having held a place of honor and great usefulness in the College from the earliest days, provide undiminished opportunities to all students for the cultivation of the arts and letters and for training in public speaking and parliamentary practice. Each society is provided with a hall for its exclusive use.

The Young Men's Christian Association, the Young Women's Christian Association, a Student Volunteer Band and the Brotherhood of St. Paul represent active and immensely helpful forms of religious life among the students.

The Athletic Association, the Men's and Women's Glee Clubs, the College Choir and the monthly Group Meetings provide a wide range of extra-classroom activities for the exercise of special talents and the development of latent abilities.

PUBLICATIONS

The Ursinus Bulletin, of which the catalogue is a number, is the official publication of the College. It is issued quarterly and is distributed free of charge to the students and the public.

The Ursinus Weekly, published by the Alumni Association, is managed by a Board of Control and edited by a Staff chosen from the student-body. It is a four-page newspaper, invaluable as a record of life at Ursinus for students and alumni alike. It is issued on subscription at cost.

The Ruby, the Senior class book, is an annual printed on plate paper and elegantly bound. It is a pictorial volume presenting an intimate view of the year's life, not only of the Class, but of the whole College. The book is sold at a price to cover cost.

EXPENSES

College Fees

The fee for instruction is $180 a year. A charge of $10 is made in the last year to cover expense of graduation. Extra charges to cover the cost of materials for work in the several laboratory courses are as follows:

Chemistry 1	$10	Biology 3	$5
Chemistry 2	10	Biology 4	10
Chemistry 3	10	Biology 5	5
Physics 1	5	Biology 6	5
Biology 2	8	Biology 7	10

The sum of one dollar and fifty cents is paid by each student at the opening of the first term toward the support of the Lecture and Entertainment Course. This entitles the student to admission to all numbers of the course throughout the year at a reduced cost. An item of one dollar is placed on the second quarter's bill to cover the student's subscription to the Ursinus Weekly.

A deposit of five dollars is required of each student to defray any expenses incurred by injury to property. The unexpended balance is returned to the student when he leaves the institution.

A student who is absent from College on account of sickness, or for any other cause, and retains his place in his class, pays the College fee in full during his absence, and payment is required before the student can be admitted to examination. No remittance is allowed on account of withdrawal from the institution during a term.

In case of sickness occurring at the institution the College maintains the right to enforce quarantine and to engage the

services of an attendant if necessary, but the College will not be responsible for the compensation of physicians, nurses or attendants, which compensation must be provided by the student or his parent or guardian.

ROOM AND BOARD

The charge for a furnished room in Freeland, Derr or Stine halls is from $120 to $160 a year; in Olevian Hall, Shreiner Hall or Trinity Cottage, the residences for women, from $86 to $166 a year. The charge in all cases, includes heat, light, and attendance. When two students occupy a room the charge is divided between them. A payment of five dollars on account is made by a student when he engages a room, which he forfeits in case he does not occupy the same.

Each student supplies his own towels, two pairs of sheets for a single bed, a pair of pillow cases (19 x 34), a pair of blankets and a bed spread.

The charge for table board is $200 a year, not including the Christmas and Easter recesses. For less than one term the charge is $6.00 a week in advance. All students who do not take their meals in their own homes will board at the College Dining Hall.

The rates for rooms and board are subject to change in accordance with costs at the beginning of any term.

ACCOMMODATIONS FOR DAY STUDENTS

Two large downstairs rooms have been fitted up in Bomberger Hall for day students, providing confortable accommodations including lockers. Each day student is charged a nominal locker rental of One Dollar.

PAYMENT OF BILLS

The bills of a student based on the foregoing charges are payable as follows:

At the opening of the term in September	$115.00
On or before November 30	110.00
On or before January 30	110.00
On or before March 30	110.00

The bills may vary from the stated amounts in certain instances according to location of rooms and laboratory charges. Credits on account of scholarships or service under the Bureau of Self Help are allowed on the November and March bills.

Special fees and Literary Society dues of students must be paid, or their payment secured, before the Saturday preceding the Commencement on which they expect to receive their degrees.

FEES FOR INSTRUCTION IN MUSIC

Private lessons per term of fifteen weeks: piano, violin or voice, twice a week, $37.50, once a week, $22.50. The charge for use of piano is $10 a year.

SCHOLARSHIPS

MUSIC SCHOLARSHIP

For the time being, the College offers a scholarship of Two Hundred Dollars to be used in assisting a student who desires to specialize in music. The scholarship may be divided between two students if in the judgment of the President and the Instructors in the Department of Music, this seems advisable.

PERMANENT SCHOLARSHIPS

The College possesses twenty-six permanent scholarships of one thousand dollars each, yielding $50 per year. Each scholarship is assigned annually to a student designated by the founder of the scholarship or by the College. The list of these scholarships is as follows:

The George Wolff Scholarship, founded by the Rev. George Wolff, D.D., of Myerstown, Pa.

The William A. Helffrich Scholarship, founded by the Rev. W. A. Helffrich, D.D., of Fogelsville, Pa.

The Nathan Spangler Scholarship, founded by Mr. Nathan Spangler of York, Pa.

The Anna M. Bomberger Scholarship, founded by Miss Anna M. Bomberger, with gifts amounting to $600, and completed by Mrs. H. S. Bomberger, both of Lancaster, Pa.

The Abraham Wagner Scholarship, founded under the will of Mr. Abraham Wagner of the Robison Church, Berks County, Pa.

The Carson Scholarship, founded under the will of Captain John Carson of Newburg, Cumberland County, Pa.

The Kelker Scholarship, founded by Mr. Rudolph F. Kelker of Harrisburg, Pa.

The Keeley Scholarship, founded by Mr. Joseph Keeley of Spring City, Pa.

The John B. Fetters Memorial Scholarship, founded by Mrs. Rebecca B. Fetters of Uwchland, Chester County, Pa., in memory of her deceased son, who died after a week's attendance at College in September, 1885.

The John Brownback Memorial Scholarship, founded by Mrs. Melinda M. Acker and Miss Mary M. Brownback of Uwchland, Chester County, Pa., in memory of their deceased father.

The Franklin W. Kremer Memorial Scholarship, founded by the Rev. F. W. Kremer, D.D., with gifts amounting to $500, and completed by the Sunday-school of the First Reformed Church, of Lebanon, Pa., in grateful memory of his thirty-eight years' pastorate, by an endowment of $500.

The Henry Francis Scholarship, founded by Mr. Henry Francis of Spring City, Pa.

The Clementina R. Stewart Scholarship, founded under the will of Miss Clementina R. Stewart of Myerstown, Pa.

The J. William Bireley Scholarship, founded by Mr. J. William Bireley of Frederick City, Md.

The John B. and Horace A. Fetters Scholarship, founded under the will of Miss Mary M. Brownback of Uwchland, Chester County, Pa.

The Mary M. Brownback Scholarship, founded under the will of Miss Mary M. Brownback of Uwchland, Chester County, Pa.

The Frances Kready Scholarship, No. 1, founded by Miss Frances Kready of Lancaster, Pa.

The Frances Kready Scholarship, No. 2, founded by Miss Frances Kready of Lancaster, Pa.

The John H. Converse Scholarship, founded by Mr. John H. Converse of Philadelphia.

The Freeland G. Hobson Scholarship, founded under the will of Freeland G. Hobson, LL.D., '76, of Collegeville.

The Stauffer Memorial Scholarship, founded in memory of Robert Ursinus and John Donald Stauffer, deceased children of the pastor, Rev. J. J. Stauffer, by gifts amounting to $500 from the pastor and members of the Lykens Valley charge, and completed by a bequest of $500 under the will of Mrs. Elizabeth Ritzman of Gratz, Pa.

The Francis Magee Scholarship, founded by the late Francis Magee of Philadelphia.

The Heidelberg Scholarship, founded by a member of Heidelberg Reformed Church, York, Pa.

The Saint Mark's Scholarship, founded in 1918 by the members of Saint Mark's Reformed Church, Lebanon, Pa., in honor of their pastor, the Rev. I. Calvin Fisher, D.D., '89, and his wife, Eva S. Fisher, and in celebration of their twenty-fifth anniversary in the pastorate of Saint Mark's Church.

The Bahner Scholarship, founded in 1919 by the members of Trinity Reformed Church, Waynesboro, Pa., in honor of the Rev. Franklin F. Bahner, D.D., '73, and his wife, Mary Ella Bahner, on their completion of forty-two years of devoted service in the pastorate of the Waynesboro charge.

The Martin B. Neff Scholarship, founded in memory of the late Martin B. Neff, of Alexandria, Pa., and in recognition of his life-long interest in Ursinus College, out of the funds of his estate, at the instance of his sister, Miss Annie Neff.

HONORS AND PRIZES

COMMENCEMENT PARTS

Two commencement parts (or honors) are assigned to members of the graduating class; one to the young man attaining the highest grade among the young men; the other to the young woman attaining the highest grade among the young women. Of these two, the one having the higher grade is assigned the Valedictory; the other, the Salutatory.

GRADUATION WITH DISTINCTION

Members of the graduating class, who have shown great proficiency in their entire course may be graduated with distinction if, in the opinion of the Faculty, their attainments warrant such honors. These distinctions are: *summa cum laude, magna cum laude,* and *cum laude,* and are given only for unusual excellence in all the subjects pursued by the candidate.

DEPARTMENT HONORS

Students may be graduated with special honors in departments of study in which they have shown exceptional proficiency, and in which they have done extra work as prescribed in the following rules:

1. A candidate for department honors must have the endorsement of the professor in charge of the department in which he expects to try for such honors, and must enroll as a candidate at the Dean's office not later than one month after the opening of the college year in which he expects to receive his degree.

2. A student must have maintained a grade not lower than C in any course previously pursued after the First year and must maintain an average of B while he is pursuing his work as a candidate for department honors.

3. A candidate shall be required to do an amount of work equivalent to one-half course in the department in which he intends to try for honors, in addition to the full number of courses prescribed for graduation; and shall submit to the Faculty a thesis on some subject within the field represented by his extra work. The thesis must be presented at least one week before the time set for the Fourth year final examinations.

JUNIOR ORATORICAL PRIZES

Cash prizes of Twenty Dollars and Fifteen Dollars are offered by Alvin Hunsicker, B. S., of New York City, and the Rev. J. W. Meminger, D. D., of Lancaster, Pa., respectively, both members of the class of 1884, for the best and second best orations delivered in the Junior Oratorical Contest for men on Monday evening of Commencement week.

A cash prize of Twenty Dollars is offered by the Women Graduates' Association for the best oration delivered in the Junior Oratorical Contest for young women held also on Monday evening of Commencement week.

THE BENNETT PRIZE

A cash prize of Twenty Dollars is offered by Mrs. Havilah McCurdy Bennett, A.M., '92, of Washington, D. C., for the

best essay on an assigned topic. Competition for this prize is limited to students holding positions under the Bureau of Self-Help.

SCHOLARSHIP PRIZES

Twenty scholarships are offered annually under special conditions, by the authority of the Directors of the College, as prizes in approved secondary schools. These scholarships are good for four years, provided the holder maintains a creditable record in both scholarship and deportment. A scholarship entitles the holder to a rebate of Fifty Dollars on each year's bills.

DEGREES

The College confers the degrees of Bachelor of Arts and Bachelor of Science on all students who have completed the academical exercises appointed for them by the Faculty, and, upon final examination, have been approved as candidates for these degrees. The institution confines itself exclusively to undergraduate work. Candidates for the degree of Master of Arts are referred to university graduate schools.

On academic occasions the College may confer the honorary degrees of Doctor of Divinity, Doctor of Science, Doctor of Letters and Doctor of Laws on persons whose distinguished ability or service may have been deemed worthy of such recognition by the Faculty.

THE SUMMER SESSION

The Summer Session of Ursinus College for the year 1920 will open on Monday, June 21, at 8 o'clock a. m., and close on Friday, July 30, at 12 o'clock noon.

ADMISSION

No examination is required for admission to the college preparatory courses offered in the Summer Session. The candidate must, however, satisfy the instructor that he is fitted to do the work of a course by submitting written evidence of his preparation in the form of term reports, certificates or official letters from approved schools or instructors.

Members of Ursinus College and of other colleges are admitted to collegiate courses in the Summer Session without examination. Graduates of approved academies, high schools and normal schools are admitted without examination to all courses for which they present certificates of preparation in the form prescribed by the Faculty of Ursinus College for admission to College. Blank forms for these certificates may be had on application to the Dean of the College. Other applicants must take the entrance examinations of the departments in which they wish to work. When credit toward a degree is not desired, persons may register without examination for any course they are prepared to pursue.

INSTRUCTION

The instruction in the Summer Session is given by the professors who are the heads of the departments in the College, by instructors who are regular members of the Faculty and by assistants appointed by the Faculty.

While the organization of the work is favorable to rapid progress, the ruling ideal is thoroughness. Students are required to do the same work, and are graded and ranked according to the same standards as in the regular sessions of the College.

For a complete statement of the courses offered, see the Summer Session catalogue, published separately.

CREDIT FOR WORK

Students admitted to the college courses in the Summer Session on certificate approved by the Faculty, or on examination, and who maintain a grade of A, B or C in their work will be given credit toward the degree of Bachelor of Arts or Bachelor of Science. Students who have pursued regular courses in the Summer Session and have passed the final examinations in the same, are granted certificates setting forth the work done and the grade attained.

TUITION AND FEES

Before entering the classes students must register at the Dean's office and pay their fees at the Treasurer's office. The fees are: Matriculation, $5.00; Tuition, for one course, $12.00; for each additional course, $6.00. For each laboratory course a fee of $3.00 is charged for use of apparatus.

No matriculation fee is charged to students in Ursinus College or to students who have paid the fee in a former summer session.

ROOM AND BOARD

Rooms in the College buildings, completely furnished for student residence, have been set apart for the use of summer students. The charge for a room, including light and attendance, is $3.00 per week. When two students arrange to occupy a room together, the charge will be divided between them. Each student supplies his own towels, two pairs of sheets for a single bed, a blanket and a bedspread. Bed clothing may be rented from the College for $2.00 for the session of six weeks.

The regulations concerning the care of college property and the conduct of students are the same as in the regular sessions of the college.

Board may be obtained at the College Dining Hall for $7.00 per week.

The special catalogue of the Summer Session may be had on application to the Dean of the College.

SATURDAY COURSES

Instruction is offered on Saturdays for students who cannot attend the regular classes. The way is thus opened for teachers to pursue college courses. The value of college work in conjunction with teaching is recognized by many school boards, the policy being not infrequently to advance the salaries of those who in this way increase their professional fitness. By combining work in the Summer Session and Saturday courses, it is possible for teachers in service to meet the requirements for graduation in about eight years. A saving of time and expense, as well as a decided educational advantage, can be effected by attending the College as a regular student during the latter part of the course.

REGISTRATION

Students contemplating Saturday work should meet at the College to select courses of study and to register on the morning of the first Saturday of the academic year (see page 4, Calendar). Studies should be chosen with reference to their necessary sequence and such grouping of students is desirable as will yield the most economical organization of classes.

Saturday students are permitted to register for not more than one and one-half courses in any one year. The completion of a standard course requires that at least two hours of class-work per week throughout the year be devoted to the subject. The requirements of a half-course may be met by one hour of class-work per week throughout the year.

TUITION

A matriculation fee of five dollars is charged each Saturday student who enters the institution for the first time.

The fees for instruction vary according to the number in the class from fifty cents to one dollar an hour. No reduction is allowed on account of absence. To students who are obliged to withdraw, tuition will be remitted from the date of withdrawal. These items are payable on presentation of bills by the Treasurer at the beginning of each term.

LISTS OF STUDENTS

Abbreviations are used to designate residence halls as follows: F. H., Freeland Hall; D. H., Derr Hall; S. H., Stine Hall; Sh. H., Shreiner Hall; O. H., Olevian Hall; Sp. H., Sprankle Hall; T. C., Trinity Cottage; Mp., The Maples.

STUDENTS IN THE COLLEGE

CLASSICAL GROUP

WALTER KING BEATTIE.....*Wyndmoor* .....D. H.
Brown Preparatory School.

ANNE DAVIS BEDDOW.....*Minersville* .....T. C.
Minersville High School.

MICHAEL COOVER BILLETT.....*Schwenksville* .....Schwenksville
Collegeville High School.

JAMES WILLIAM BRIGHT.....*Bernville* .....D. H.
Penn Township High School.

JOHN EARL DOBBS.....*Loysville* .....D. H.
Mercersburg Academy.

DOBBS FREDERICK EHLMAN.....*Ickesburg* .....D. H.
York County Academy.

HERBERT DAMBLY FRANK.....*East Greenville* .....Trappe
East Greenville High School.

DANIEL BENJAMIN FRANKLIN....*Mechanics Valley* .....Sp. H.
Dickinson Seminary.

ARTHUR FRETZ.....*Reading* .....D. H.
Reading High School.

NORMAN SYLVESTER GREENAWALT.*McKeansburg* .....D. H.
Orwigsburg High School.

ANNA DORETTA GRIM.....*Perkasie* .....T. C.
Perkasie High School.

PAUL GARMAN HASSLER.....*Chambersburg, R. D.*.....S. H.
Shippensburg State Normal School.

CLARENCE EDGAR HEFFELFINGER...*Milton* ....D. H.
Milton High School.

SOLOMON LEANDER HOKE.....*Spring Grove* .....D. H.
York County Academy.

EMMA ESTERLY HUYETT.....*Birdsboro* .....Mp.
Schuylkill Seminary.

RAY HANDFORD KLINGAMAN.....*Bloomsburg* .....D. H.
Bloomsburg State Normal School.

CAROLYN ELIZABETH KLINGLER...*Shoemakersville* .....Sh. H.
Muhlenberg College.

ARTHUR LEEMING .....*Wyndmoor* .....D. H.
Brown Preparatory School.

EDWIN WARNER LENTZ, JR.....*Bangor* .....D. H.
Bangor High School.

LEWIS HARRISON LUDWIG.....*Ironbridge* .....Ironbridge
Collegeville High School.
OLIVER KIRK MAURER.....*Hatboro* .....D. H.
Perkiomen School.
LEOPOLD PAUL MOORE, JR.....*Philadelphia* .....D. H.
West Philadelphia High School.
JOHN WILLIAM MYERS... .....*New Oxford* .....D. H.
Gettysburg Academy.
IRVIN ELLIS NEUROTH.....*Chambersburg* .....D. H.
Chambersburg High School.
ANNA NAOMI ROEDER.....*East Greenville*...East Greenville
Perkiomen School.
FRANCIS CHRISTOPHER SCHLATER..*Broad Axe* .....D. H.
Perkiomen School.
FREDERICK NELSON SCHLEGEL.....*Tamaqua* .....D. H.
Tamaqua High School.
WILLIAM ROAT SHAFFER.....*Philadelphia* .....D. H.
Northeast High School.
FRANKLIN IRVIN SHEEDER, JR.....*Spring City* .....D. H.
Spring City High School.
HOWARD EMANUEL SHEELY.....*York* .....D. H.
York High School.
CHARLES UNDERKOFFLER SHELLENBERGER..*Green Lane* .....D. H.
Perkiomen School.
FORRY WOODWARD STAUFFER.....*York* .....D. H.
York County Academy.
WEBSTER SCHULTZ STOVER.....*Nazareth* .....D. H.
Nazareth High School.
FRANK DEWITT TALMAGE.....*Brooklyn, N. Y.*.....F. H.
Mercersburg Academy.
DANIEL NASH TIPPIN.....*Blue Bell* .....D. H.
Cheltenham High School.
CHARLES HERBERT WELLER.....*Pottstown* .....D. H.
Temple University.
PERCY LENTZ WIDENMYER.....*Philadelphia* .....F. H.
Brown Preparatory School.
HARRY CLAYTON WILDASIN.....*Littlestown* .....F. H.
Ursinus Summer Session.
JOHN EDWIN WILDASIN.....*Littlestown* .....F. H.
Littlestown High School.
WILLIAM OELSCHLAGER WOLFORD..*Salfordville* .....Salfordville
Perkiomen School.
ETHELBERT BRETNEY YOST.....*Collegeville* .....Collegeville
Collegeville High School.

MATHEMATICAL GROUP

George Theodore Arms, Jr.....*Pottstown* .....F. H.
Pottstown High School.
Siegfried Cyriacus Baden.....*Collegeville* .....Collegeville
Collegeville High School.
Kathryn Elizabeth Barnes....*Norristown* .....Norristown
Norristown High School.
Lottie Fulmer Bowden .....*Oaks* .....Oaks
Phoenixville High School.
Pauline Boileau Davis.....*Phoenixville* .....O. H.
Phoenixville High School.
Evan Leland Deibler.....*Elizabethville* .....S. H.
Millersburg High School.
Mahlon Wesley Detwiler.....*Providence Sq.*....Providence Sq.
Norristown High School.
David Stanley Erb, Jr.....*Boyertown* .....F. H.
Boyertown High School.
Robert Lyman Farley.....*Norristown* .....F. H.
Norristown High School.
Lester Ward Frey.....*York* .....D. H.
York High School.
Anna Laverne Fry.....*Norristown* .....Norristown
Norristown High School.
Helen Lachman Fry.....*Norristown* .....Collegeville
Norristown High School.
John Charles Douglas Harding.*Trappe* .....Trappe
West Chester State Normal School.
Russell Lefevre Hartman.....*Boyertown* .....F. H.
Boyertown High School.
Catherine Elizabeth Heindel...*York* .....Sh. H.
York High School.
Mary Louise Hinkle.....*Reading* .....Sh. H.
Reading High School
Lois Hook.....*Fort Washington* .....Sh. H.
Cheltenham High School.
George Pannebecker Kehl.....*Carlisle* .....D. H.
University of Pennsylvania Summer Session.
Mary Agnes Kirkpatrick.....*Conshohocken* .....Sh. H.
Conshohocken High School.
Margaret Ann McCavery.....*Phoenixville* .....Mp.
Phoenixville High School.
David McMullin .....*Norristown* .....Norristown
Norristown High School.
Jacob Wilbur Sechler.....*Philadelphia* .....S. H.
Friends' Central School.

JOHN FRED WILLIAM STOCK.....*Philadelphia* .....F. H.
Northeast High School.
JOHN LATSHAW WISMER.....*Schwenksville* ....Schwenksville
Schwenksville High School.

CHEMICAL-BIOLOGICAL GROUP

DORIS ELIZABETH ALLEN.....*Haddonfield, N. J.*.....T. C.
Haddonfield High School.
HARRY ALBERT ALTENDERFER.....*Robesonia* .....F. H.
Bethlehem Preparatory School.
HARRY ELLICOTT BACON.....*Philadelphia* .....S. H.
Friends' Central School.
ERMA REBEKAH BOYD.....*Philadelphia* .....O. H.
Germantown High School.
BEATRICE BROOKS.....*Palmyra, N. J.*.....O. H.
Palmyra (N. J.) High School.
JOHN HAROLD BROWNBACK.....*Trappe* .....Trappe
Collegeville High School.
FREDERICK PAXSON FRUTCHEY...*Bangor* .....S. H.
Bangor High School.
ALLEN GLASS .....*Freeburg* .....F. H.
Freeburg High School.
JOHN LLOYD GLASS.....*Scotland* .....F. H.
Cumberland Valley State Normal School.
DANIEL EDGAR GROVE.....*Shady Grove* .....S. H.
Cumberland Valley State Normal School.
DOROTHY SYBIL HARDING.....*Trappe* .....Trappe
Collegeville High School.
RUTH MILDRED HEBSACKER.....*Philadelphia* .....S. H.
Goucher College.
RUTH HESPENHEIDE.....*York* .....Mp.
York High School.
JOSEPH CARBAUGH HESS.....*Waynesboro, R. D.*.....F. H.
Cumberland Valley State Normal School.
EDGAR KARL HOUCK.....*Reading* .....D. H.
Reading High School.
JOHN LYNFORD HUZZARD.....*Spring City*.....F. H.
Spring City High School.
SUSANNE HOLLIS KELLEY.....*Pottstown* .....T. C.
Pottstown High School.
FREDERICK GRANVILLE KERLIN....*Pottstown, R. 1*.....F. H.
Pennsylvania State College.
CLAUDE HARRINGTON KERSHNER..*Orwigsburg* .....F. H.
Tamaqua High School.

JOHN HAROLD KIRSCHNER.....*Hazleton* .....Collegeville
Hazleton High School.
JOHN BENNEVILLE KLOPP.....*Sanatoga* .....F. H.
Pottstown High School.
DANIEL BICKEL KULP.....*Pottstown* .....F. H.
Pottstown High School.
CLAIRE FRANCES LAVELLE.....*Phoenixville* .....Mp.
Phoenixville High School.
DAVID ARNOLD LAVESON.....*Yonkers, N. Y.*.....F. H.
Dwight School.
CLAIRE PALSGROVE LAWRENCE.....*Minersville* .....Mp.
Minersville High School.
BERTRAM MILLER LIGHT.....*Lebanon* .....S. H.
Lebanon High School.
DANIEL LUDWIG .....*Ironbridge* .....Ironbridge
Collegeville High School.
CHARLES WALLACE MACFARLAN..*Oaks* .....Oaks
Phoenixville High School.
EARL KOLB MILLER.....*Trenton, N. J.*.....F. H.
Peddie Institute.
NEVIN DANIEL MILLER.....*Phoenixville* .....S. H.
Randolph Macon Academy.
HOWARD HOMER MOWCOMBER.....*Elkland* .....D. H.
Indiana State Normal School.
RUSSELL LOWELL MOYER.....*Freeburg* .....F. H.
Susquehanna University.
ERNEST RAYMOND PETERMAN.....*Spring City* .....S. H.
Spring City High School.
RAYMOND EGGELING PRIZER.....*Pottstown, R. 2*.....D. H.
Pottstown High School.
JOSEPH STANLEY REIFSNYDER.....*Pottstown* .....F. H.
Pottstown High School.
WILLIAM HARPER REINHOLD.....*Plyth. Meeting*....Plyth. Meeting
Northampton High School.
JOHN WESLEY TOMLINSON.....*Quarryville* .....F. H.
Quarryville High School.
JOHN CALVIN TRAUGH.....*Pittsburgh* .....F. H.
Ursinus Summer Session.
BENJAMIN ALLEN TYLER.....*Royersford* .....F. H.
Temple University.
DAVID SOLES TYSON.....*McKeesport* .....S. H.
McKeesport High School.
WESLEY RUSSELL UPDIKE.....*Trenton, N. J.*.....D. H.
St. Stephen's College.
SANFORD ELIHU VEDDER.....*Pottstown* .....S. H.
Mansfield State Normal School.

ELMER ELIAS VOSBURG, JR.....*Pittston, R. 1*.....D. H.
Mansfield State Normal School.
ELLEN HART WALKER.....*Norristown* .....O. H.
Norristown High School.
LINNEAUS ARTHUR WALTON.....*Norristown* .....S. H.
Norristown High School.
JOSEPH HOWARD WEISEL.....*Perkasie* .....D. H.
Keystone State Normal School.
JOHN FRANCIS WILLAUER.....*Spring City*.....S. H.
Spring City High School.
DOROTHY EVELYN WILLIAMS.....*Perkasie* .....*T. C.*
Perkasie High School.
JOHN CHARLES WOOD.....*McKeesport* .....S. H.
McKeesport High School.
THELMA RITTENHOUSE WOOD.....*Norristown* .....Sh. H.
Norristown High School.
MARION JOSEPHINE XANDER.....*Philadelphia* .....T. C.
William Penn High School for Girls.
MILLICENT ZIMMERMAN XANDER..*Philadelphia* .....T. C.
South Philadelphia High School for Girls.
ABRAM RANDAL ZENDT.....*Souderton* .....D. H.
Souderton High School.

HISTORICAL-POLITICAL GROUP

WALLACE SEASHOLTZ BREY.....*Fort Washington.*Fort Washington
Perkiomen School.
CHARLES MATTHEW BROOKE.....*Ardmore* .....S. H.
Haverford Township High School.
GEORGE ELMER BROWN.....*Sanatoga* .....F. H.
Mercersburg Academy.
OLIVER SHELLENBERGER BROWNBACK..*Trappe* .. ..Trappe
Collegeville High School.
ALEXANDER GIVIN CANAN.....*Philadelphia* .....F. H.
Brown Preparatory School.
NATHANIEL SIMMERS DETWILER...*Spring City* .....F. H.
Spring City High School.
NORMAN BERLIN GREGORY.....*Kresgeville* .....D. H.
Franklin & Marshall College.
EUGENE STRAIN GROSSMAN.....*Slippery Rock* .....S. H.
Grove City College.
ERNEST ANDERS HEEBNER.....*Norristown, R. D.*....Norristown
Norristown High School.
ARTHUR ROY HEFREN.....*Hallton* .....S. H.
Sheffield High School.

DONALD LAWRENCE HELFFRICH...*Bath* .....S. H.
Mercersburg Academy.
JOSEPH HARLEY HUNTER.....*Spring City* .....F. H.
Spring City High School.
PAUL HEFFNER ISENBERG.....*Philadelphia* .....S. H.
Mercersburg Academy.
JOHN FRANCIS KNIPE.....*Limerick* .....S. H.
Collegeville High School.
ABRAM METZ KULP.....*Lansdale, R. 1*.....Lansdale
Perkiomen School.
MILES VICTOR MILLER.....*Elizabethville* .....S. H.
Millersburg High School.
CLYDE ANSON MOSER.....*Conshohocken* .....S. H.
Conshohocken High School.
JOHN GARWOOD NEWITT.....*Norristown* .....Norristown
Spring Garden Institute.
CLARENCE ANDREW PAINE.....*Lebanon* .....S. H.
Lebanon High School.
MELVIN TRUMBORE RAHN.....*Sumneytown* .....S. H.
Collegeville High School.
THOMAS HARTLY RICHARDS.....*Pittsburgh* .....S. H.
McKeesport High School.
CARROLL LENNOX RUTTER.....*Pottstown* .....F. H.
Pottstown High School.
HARVEY CLEVELAND SABOLD.....*Fort Washington*.Fort Washington
Ursinus Summer Session.
LEON CHARLES SAUNDERS.....*Pulaski, N. Y.*.....F. H.
Syracuse University.
CLYDE LLEWELLYN SCHWARTZ....*Littlestown* .....S. H.
Littlestown High School.
EDWIN THOMAS UNDERCUFFLER...*Schwenksville* .....Schwenksville
Delaware College Summer Session.

ENGLISH-HISTORICAL GROUP

HELEN ALBERTA ACHENBACH.....*Bangor* .....Sh. H.
Bangor High School.
FRIEDA SCHOLL ASH.....*Phoenixville* .....O. H.
Phoenixville High School.
MARGARET FRANCES BOOKMAN....*York* .....O. H.
York High School.
MARY BANCROFT CLOSSON.....*Germantown* .....Mp.
Stephen's School.
SARA EMMA DEITZ.....*York* .....O. H.
York High School.

NAOMI C. DETWILER.....*Phoenixville, R. 1*...Phoenixville
Phoenixville High School.
MILDRED DENTZEL ERNEY.....*Fort Washington* .....Sh. H
Cheltenham High School.
FLORENCE ELIZABETH FEGELY.....*Trappe* .....Trappe
Collegeville High School.
ALMA LORAINE FRIES.....*Reading* .....Sh. H.
Reading High School for Girls.
MARGARET EMMA FRUTCHEY.....*Bangor* .....Sh. H.
Bangor High School.
ADA ESTHER FUSSELL.....*Chester Springs*.....Mp.
West Chester Normal School.
LEAH A. GINGRICH.....*Lebanon* .....Mp.
Lebanon High School.
MARY KATHRYN GROFF.....*Royersford, R. D.*.....Royersford
Pottstown High School.
MARY ELIZABETH GROSS.....*Malvern* .....O. H.
Tredyffrin-Easttown High School.
DORIS HELEN HAGENS.....*Philadelphia* .....Sh. H.
William Penn High School for Girls.
REGINALD HARDING .....*Trappe* .....Trappe
West Chester State Normal School.
ANGELINE Y. HENRICKS.....*Pottstown* .....T. C.
Pottstown High School.
MARY JANE HERSHBERGER.....*Roebling, N. J.*.....O. H.
Lebanon High School.
ANNA KATHRYN HIGH.....*Pottstown* .....O. H.
Pottstown High School.
ANNA FRANCES HOOVER.....*Eureka* .....T. C.
Doylestown High School.
HERBERT RICHARD HOWELLS.....*Eddystone* .....F. H.
Chester High School.
LINDA GRACE HOYER.....*Geigers Mills* .....Sh. H.
Keystone State Normal School.
ESTHER IRENE HUGHES.....*Slatington* .....Sh. H.
Slatington High School.
LILLIAN MARIE ISENBERG.....*Philadelphia* .....Sh. H.
Philadelphia High School for Girls.
IRENE REBECCA JONES.....*Slatington* .....Sh. H.
Slatington High School.
MYRTLE VIOLA KEIM.....*Phoenixville* .....Mp.
Phoenixville High School.
ANNA ALVERDA KNAUER.....*St. Peters* .....O. H.
West Chester State Normal School.
BEATRICE ANGELINE LATSHAW....*Royersford* .....Sh. H.
Swarthmore College.

GLADYS BARBARA LIGHT.....*Lebanon* .....T. C.
Lebanon High School.
MARGARET EVELYN MARKLEY.....*Fairview Village,* Fairview Village
West Chester State Normal School.
DOROTHY ADELE MENTZER.....*Lebanon* .....Sh. H.
Lebanon High School.
JOSEPH LEROY MILLER.....*Parkerford* .....F. H.
Spring City High School.
JENNIE ELIZABETH MOCKFORD.....*Pottstown* .....T. C.
Pottstown High School.
MAE SMITH MOYER.....*Phoenixville, R. 1*...Phoenixville
Collegeville High School.
MARY MARGUERITE MOYER.....*Souderton* .....O. H.
Souderton High School.
REBA ELMIRA MUSCHLITZ.....*Slatington* .....Sh. H.
Slatington High School.
CAROLINE BARTON MCBLAIN.....*York* .....T. C.
North York High School.
AILEEN LOUISE NEFF.....*Slatington* .....Sh. H.
Slatington High School.
MARETTE LISETTE BARBERA QUICK.*Philadelphia* .....Sh. H.
William Penn High School.
LILLIAN ZOE RAYSER.....*Royersford* .....Mp.
Columbia University.
HELEN MARGARET REIMER.....*Flicksville* .....O. H.
Bangor High School.
MAZIE GLADYS RICHMAN.....*Salem, N. J.* .....O. H.
Salem High School.
BEULAH ALLEBACH SCHOLL.....*Green Lane* .....Green Lane
West Chester State Normal School.
RUTH ELINOR SNYDER.....*Lebanon* .....Sh. H.
Lebanon High School.
WILLIAM HARRY SNYDER.....*Penbrook* .....F. H.
Harrisburg Academy.
DORIS HOLT SUTCLIFFE.....*Spring City* .....O. H.
Spring City High School.
ANNA ADELAIDE TYLER.....*Camden, N. J.*.....Sh. H.
Friends' Central School.
LUCILE BERNICE WAGNER.....*Mt. Penn* .....Superhouse
Collegeville High School.
PAUL JONATHAN YOST.....*Wyomissing* .....D. H.
Tamaqua High School.

MODERN LANGUAGE GROUP

CORDELIA BROMER BECHTEL.....*Schwenksville* .....*Schwenksville*
Schwenksville High School.

MIRIAM DORINDA BOESHORE.....*Fredericksburg* .....O. H.
Lebanon High School.

ELIZABETH CATHERINE CLAPHAM.*New York, N. Y.*.....O. H.
Irving College.

CORA LYSINGER DANEHOWER.....*Yerkes* .....Yerkes
Collegeville High School.

HELEN FAHRINGER.....*Pottstown* .....Sh. H.
Pottstown High School.

ETHEL ADELINE FOX.....*Parkerford* .....Parkerford
Spring City High School.

ELEANOR A. G. GREENOVER.....*Phoenixville* .....O. H.
Phoenixville High School.

MARGARET HESTER HARCLERODE...*Hopewell* .....T. C.
Ursinus Summer Session.

RUTH IRENE HASSLER.....*Wernersville* .....Mp.
Keystone State Normal School.

LOLA HARRIET HUTTEL.....*Collegeville* .....Collegeville
Collegeville High School.

NORA BEAN KEELY.....*Schwenksville* .....Superhouse
Schwenksville High School.

EMMA SCHAEFFER KIRSCHNER....*Hazleton* .....T. C.
Wilson College.

LOUISE MAY KUNKEL.....*Trexler* .....T. C.
Perkiomen School.

MILDRED HESS MITMAN.....*Easton* .....Sh. H.
Easton High School.

SARA STITELER MOSTELLER.....*Chester Springs*.....Mp.
Phoenixville High School.

BEATRICE MUNYAN PURRINGTON..*Bala* .....Sh. H.
Lower Merion High School.

MARGARET LILLIAN RICHARDS.....*Royersford* .....T. C.
Royersford High School.

ESTHER G. SHIREY.....*Lebanon* .....Sh. H.
Lebanon High School.

OLIVE LORETTA SLAMP.....*Easton* .....Sh. H.
Easton High School.

MARION ELIZABETH SLOTTERER....*Collegeville* .....Collegeville
Collegeville High School.

MYRTLE LOWNES WILLIAMS.....*Arcola* .....Arcola
Collegeville High School.

STUDENTS IN THE SUMMER SESSION

HARRY ELLICOTT BACON.....*Philadelphia* .....F. H.
Spanish.
WILLIAM WILSON BADEN, JR.....*Collegeville* .....Collegeville
Spanish, French.
ALBERT W. BROMER.....*Schwenksville* .....Schwenksville
Chemistry.
JOHN W. MCKEE ELDON.....*Altoona* .....F. H.
Latin, French.
HARRY T. EVERETT, JR.....*Norristown* .....F. H.
English, French.
ROBERT LYMAN FARLEY.....*Norristown* .....F. H.
Latin, Spanish.
HELEN LACHMAN FRY.....*Norristown* .....Collegeville
Philosophy.
ADA ESTHER FUSSELL.....*Chester Springs*.....O. H.
French, Spanish.
WEBSTER A. GENSLER.....*Blooming Glen*....Blooming Glen
Latin, Mathematics.
ERNEST ANDERS HEEBNER..... *Norristown* .....Norristown
Spanish, Latin, Mathematics.
JOSEPH HARLEY HUNTER.....*Spring City*.....F. H.
Latin, Geometry.
JUAN HURTADO.....*New York, N. Y.*.....F. H.
Physics, Chemistry.
LOLA HARRIET HUTTEL.....*Collegeville* .....Collegeville
Spanish, Psychology, French.
FREDERICK GRANVILLE KERLIN....*Pottstown* .....F. H.
Chemistry.
WAYNE H. KINSEY.....*Stony Creek Mills*.....F. H.
Chemistry.
EARL G. KLINE.....*Jonestown* .....F. H.
French, Logic.
RAY HANFORD KLINGAMAN.....*Bloomsburg* .....F. H.
Spanish.
EDITH M. KNEAS.....*Norristown* .....Norristown
Mathematics.
RAY E. LATSHAW.....*Royersford* .....F. H.
Chemistry.
MARGARET EVELYN MARKLEY.....*Fairview Village*.Fairview Village
Spanish, English, Psychology.
OLIVER KIRK MAURER.....*Hatboro* .....F. H.
English, Philosophy.
SARA STITELER MOSTELLER.....*Chester Springs*.....O. H.
Mathematics, Latin.

MISAO NISHIYAMA.....*San Francisco, Calif.*.....F. H.
English, Psychology.
ERWINNA T. PRICE.....*Richlandtown* .....O. H.
Mathematics, French.
HELEN C. ROHDEN.....*Chicago, Ill.* .....O. H.
Latin.
BEULAH ALLEBACH SCHOLL.....*Green Lane* .....Green Lane
Spanish, English, Psychology.
J. LUKE STAUFFER.....*Ephrata* .....F. H.
French, Mathematics.
JOHN FRED WILLIAM STOCK.....*Philadelphia* .....F. H.
Mathematics, English.
FRANK DEWITT TALMAGE.....*Woodhaven, L. I.*.....F. H.
Latin.
JOHN WESLEY TOMLINSON.....*Quarryville* .....Evansburg
Latin, French.
BENJAMIN ALLEN TYLER.....*Royersford* .....F. H.
Chemistry.
JOHN CALVIN TRAUGH.....*Pittsburgh* .....F. H.
French.
RUSSELL W. URICH.....*Reading* .....F. H.
Mathematics, Latin.
HARRY CLAYTON WILDASIN.....*Littlestown* .....F. H.
English, French.
A. LEVIN ZECHMAN.....*Sinking Spring* .....F. H.
French, English.

STUDENTS IN MUSIC

Pursuing College Courses

Helen Alberta Achenbach	*Bangor*	Sh. H.
John Earl Dobbs	*Loysville*	D. H.
Florence Elizabeth Fegely	*Trappe*	Trappe
Daniel Benjamin Franklin	*Mechanics Valley*	Sp. H.
Margaret Emma Frutchey	*Bangor*	Sh. H.
Norman Sylvester Greenawalt	*McKeansburg*	D. H.
Mary Kathryn Groff	*Royersford, R D*	Royersford
Doris Helen Hagens	*Philadelphia*	Sh. H.
Margaret Hester Harclerode	*Hopewell*	T. C.
Angeline Yerger Henricks	*Pottstown*	T. C.
Anna Frances Hoover	*Eureka*	T. C.
Herbert Richard Howells	*Eddystone*	F. H.
Beatrice Angeline Latshaw	*Royersford*	Sh. H.
Mildred Hess Mitman	*Easton*	Sh. H.
Reba Elmira Muschlitz	*Slatington*	Sh. H.
Irvin Ellis Neuroth	*Chambersburg*	D. H.
Beatrice Munyan Purrington	*Bala*	Sh. H.
Marette Lisette Barbera Quick	*Ogontz*	Sh. H.
Margaret Lillian Richards	*Royersford*	T.-C.
Charles Herbert Weller	*Pottstown*	D. H.

Receiving Private Instruction Only

Frieda Scholl Ash	*Phoenixville*	O. H.
Orpha Reiss Bechtel	*Royersford*	Royersford
Miriam Dorinda Boeshore	*Fredericksburg*	O. H.
Elizabeth Catherine Clapham	*Brooklyn, N. Y.*	O. H.
Mary Bancroft Closson	*Germantown*	Mp.
Cora Lysinger Danehower	*Yerkes*	Yerkes
Pauline Boileau Davis	*Phoenixville*	O. H.
Gilbert A. Dietz	*York*	Collegeville
Donald Truman Ebert	*Collegeville*	Collegeville
Mildred Dentzel Erney	*Fort Washington*	Sh. H.
Helen Fahringer	*Pottstown*	Sh. H.
Robert Lyman Farley	*Norristown*	F. H.
Arthur Fretz	*Reading*	D. H.
Ada Esther Fussell	*Chester Springs*	Mp.
Leah A. Gingrich	*Lebanon*	Mp.
Anna Doretta Grim	*Perkasie*	T. C.
Dorothy Sybil Harding	*Trappe*	Trappe
Clarence Edgar Heffelfinger	*Milton*	D. H.

Ursinus College

Catherine Elizabeth Heindel	*York*	Sh. H.
Mary Louise Hinkle	*Reading*	Sh. H.
Linda Grace Hoyer	*Geigers Mills*	Sh. H.
Lola Harriet Huttel	*Collegeville*	Collegeville
Emma Schaeffer Kirschner	*Hazleton*	T. C.
Anna Alverda Knauer	*St. Peters*	O. H.
Mary Knauss	*Royersford*	Royersford
Miriam Lane	*Collegeville*	Collegeville
Lewis Harrison Ludwig	*Ironbridge*	Ironbridge
Dorothy Adele Mentzer	*Lebanon*	Sh. H.
Elizabeth Miller	*Collegeville*	Collegeville
Harriet Miller	*Collegeville*	Collegeville
Mary Marguerite Moyer	*Souderton*	O. H.
Paul Oberholtzer	*Ironbridge*	Ironbridge
Eveline Beaver Omwake	*Collegeville*	Superhouse
Stanley Omwake	*Collegeville*	Superhouse
Ernest Raymond Peterman	*Spring City*	S. H.
Lillian Zoe Rayser	*Royersford*	Mp.
Francis Christopher Schlater	*Broad Axe*	D. H.
Beulah Allebach Scholl	*Green Lane*	Green Lane
Franklin Irvin Sheeder, Jr.	*Spring City*	D. H.
Jeanne Estrelle Stevens	*Royersford, R. 3*	Royersford
John Fred William Stock	*Philadelphia*	F. H.
Norman Stockett, Jr.	*Evansburg*	Evansburg
Margaret VanNess Storer	*Collegeville*	Collegeville
Daniel Nash Tippin	*Blue Bell*	D. H.
Emma Powell Tower	*Collegeville*	T. C.
Katharine Bisbee Tower	*Collegeville*	T. C.
David Soles Tyson	*McKeesport*	S. H.
Lucile Bernice Wagner	*Mt. Penn*	Superhouse
Elmer Wood	*Zieglersville*	Zieglersville
Marion Josephine Xander	*Philadelphia*	T. C.
Paul Jonathan Yost	*Wyomissing*	D. H.

GENERAL SUMMARY, 1919-1920

Students in the College			
Classical Group	41		
Mathematical Group	24		
Chemical-Biological Group	53		
Historical-Political Group	26		
English-Historical Group	49		
Modern Language Group	21		
		214	
Students in the Summer Session and Saturday Courses		46	
Students in Music		71	
			331
Deduct for names repeated			87
Total			244

DIRECTORY OF STUDENTS

The italic letters set opposite the name indicate the group or department to which the student belongs: *Cl.*, Classical group; *M.*, Mathematical group; *C-B.*, Chemical-Biological group; *H-P.*, Historical-Political group; *E-H.*, English-Historical group; *ML.*, Modern Language group; *S.S.*, Summer Session; *Mu.*, Music Department; *Sat.*, means enrolled in Saturday courses; *Sp.*, Special Student; *Pre-Med.*, Pre-Medical Student.

The numbers 1, 2, 3 and 4 preceding these letters indicate the First, Second, Third and Fourth years respectively in College.

The final letter A. indicates that the student is a candidate for the degree of Bachelor of Arts; the final letter S. indicates that the student is a candidate for the degree of Bachelor of Science.

Achenbach, H. A., 1 *E-H., Mu.*...A
Allen, D. E., 2 *C-B*.....A
Altenderfer, H. A., Jr., 2 *C-B*.....A
Arms, G. T., Jr., 2 *M*.....S
Ash, F. S., 2 *E-H*.....S
Bacon, H. E., *S. S.*, 2 *C-B, Pre-Med.*
Baden, S. C., 1 *M*.....S
Baden, W. W., Jr., *S. S.*, 4 *M*....A
Barnes, K. E., 4 *M*.....A
Beattie, W. K., 1 *Cl*.....A
Bechtel, C. B., 2 *M-L*.....A
Beddow, A. D., 4 *C*.....A
Billett, M. C., 1 *Cl*.....A
Boeshore, M. D., 4 *M-L*.....A
Bookman, M. F., 2 *E-H*.....S
Bowden, L. F., 2 *M*.....A
Boyd, E. R., 1 *C-B*.....A
Brey, W. S., *Sat., H-P.*
Bright, J. W., 2 *Cl*.....A
Bromer, A. W., *S. S.*
Brooke, C. M., 4 *H-P*.....A
Brooks, B., 4 *C-B*.....S
Brown, G. E., 2 *H-P*.....A
Brownback, J. H., 3 *C-B*.....A
Brownback, O. S., 4 *H-P*.....A
Canan, A. G., 2 *H-P*.....S
Clapham, E. C., 3 *M-L*.....A
Closson, M. B., 4 *E-H*.....A
Danehower, C. L., 4 *M-L*.....A
Davis, P. B., 4 *M*.....S
Deibler, E. L., 2 *M*.....A
Deitz, S. E., 1 *E-H*.....A
Detwiler, M. W., 2 *M*.....S
Detwiler, N. C., 4 *E-H*.....A
Detwiler, N. S., 2 *H-P*.....S
Dobbs, J. E., 1 *Cl., Mu*.....A
Ehlman, D. F., 1 *Cl*.....A
Eldon, J. W. McK., *S. S.*
Erb, D. S., Jr., 1 *M*.....S
Erney, M. D., 4 *E-L*.....A
Everett, H. L., Jr., *E-H., S. S.*
Fahringer, H., 3 *M-L*.....A
Farley, R. L., *S. S.*, 2 *M*.....A
Fegely, F. E., 1 *E-H., Mu*.....A
Fox, E. A., *Sat., M-L.*
Frank, H. D., 1 *Cl*.....A
Franklin, D. B., 4 *Cl., Mu*.....A
Fretz, A., 1 *Cl*.....A
Frey, L. W., 1 *M*.....A
Fries, A. L., 4 *E-H*.....A
Frutchey, F. P., 2 *C-B*.....A
Frutchey, M. E., 1 *E-H., Mu*.....A
Fry, A. L., 1 *M*.....S
Fry, H. L., *S. S.*, 4 *M*.....A
Fussell, A. E., *S. S.*, 1 *E-H*.....A
Gensler, W. A., *S. S.*
Gingrich, L. A., 4 *E-H*.....A
Glass, A., 2 *C-B*.....S
Glass, J. L., 4 *C-B*.....A
Greenawalt, N. S., 2 *Cl., Mu*.....A
Greenover, E. A. G., 2 *M-L*.....A
Gregory, N. B., 3 *H-P*.....A

Grim, A. D., 4 *Cl*.....A
Groff, M. K., 1 *E-H., Mu*.....A
Gross, M. E., 1 *E-H*.....A
Grossman, E. S., 4 *H-P*.....A
Grove, D. E., 4 *C-B*.....A
Hagens, D. H., 1 *E-H., Mu*.....A
Harclerode, M. H., 4 *M-L., Mu*....A
Harding, D. S., 3 *C-B*.....A
Harding, J. C. D., *Sat., M.*
Harding, R., 4 *E-H*.....A
Hartman, R. L., 1 *M*.....S
Hassler, P. G., 1 *C*.....A
Hassler, P. G., 1 *Cl*.....A
Hebsacker, R. M., 2 *C-B*.....A
Heebner, E. A., *S. S., Sat., H-P.*
Heffelfinger, C. E., 4 *Cl*.....A
Hefren, A. R., 4 *H-P*.....A
Heindel, C. E., 3 *M*.....A
Helffrich, D. L., 3 *H-P*.....A
Henricks, A. Y., 2 *E-H., Mu*.....A
Hershberger, M. J., 2 *E-H*.....A
Hespenheide, R., 1 *C-B*.....A
Hess, J. C., 4 *C-B*.....A
High, A. K., 4 *E-H*.....A
Hinkle, M. L., 2 *M*.....A
Hoke, S. L., 2 *Cl*.....A
Hook, L., 4 *M*.....A
Hoover, A. F., 1 *E-H., Mu*.....S
Houck, E. K., 1 *C-B., Pre-Med.*
Howells, H. R., 1 *E-H., Mu*.....S
Hoyer, L. G., 1 *E-H*.....A
Hughes, E. I., 1 *E-H*.....A
Hunter, J. H., *S. S.*, 1 *H-P*.....A
Hurtado, J., *S. S.*
Huttel, L. H., *S. S. Sat., M-L*.....A
Huyett, E. E., 3 *Cl*.....A
Huzzard, J. L., 1 *C-B., Pre-Med.*
Isenberg, L. M., 1 *E-H*.....A
Isenberg, P. H., 3 *H-P*.....A
Jones, I. R., 1 *E-H*.....A
Keely, N. B., 4 *M-L*.....A
Kehl, G. P., 3 *M*.....A
Keim, M. V., 1 *E-H*.....A
Kelley, S. H., 2 *C-B., Pre-Med.*
Kerlin, F. G., *S. S.*, 1 *C-B*.....S
Kershner, C. H., 3 *C-B*.....A
Kinsey, W. H., *S. S.*
Kirkpatrick, M. A., 1 *M*.....A
Kirschner, E. S., 4 *M-L*.....A
Kirschner, J. H., Jr., 1 *C-B., Pre-Med.*
Kline, E. G., *S. S.*
Klingaman, R. H., *S. S.*, 3 *Cl*.....A
Klingler, C. E., 2 *Cl*.....A
Klopp, J. B., 1 *C-B., Pre-Med.*
Knauer, A. A., 4 *E-H*.....A
Kneas, E. M., *S. S.*
Knipe, J. F., 4 *H-P*.....A
Kulp, A. M., *Sat., H. P.*
Kulp, D. B., 1 *C-B*.....S
Kunkel, L. M., 3 *M-L*.....A
Latshaw, B. A., 1 *E-H., Mu*.....S
Latshaw, R. E., *S. S.*
Lavelle, C. F., 1 *C-B*.....A
Laveson, D. A., 1 *C-B., Pre-Med.*
Lawrence, C. P., 1 *C-B*.....A
Leeming, A., 1 *Cl*.....A
Lentz, E. W., Jr., 3 *Cl*.....A
Light, B. M., 4 *C-B*.....S
Light, G. B., 2 *E-H*.....A
Ludwig, D., 1 *C-B*.....A
Ludwig, L. H., 3 *Cl*.....A
MacFarlan, C. W., 1 *C-B., Pre-Med.*
Markley, M. E., *S. S., Sat., E-H.*
Maurer, O. K., *S. S.*, 3 *Cl*.....A
Mentzer, D. A., 3 *E-H*.....A
Miller, E. K., 1 *C-B*.....S
Miller, J. L., 4 *E-H*.....A
Miller, M. V., 4 *H-P*.....A
Miller, N. D., 2 *C-B., Pre-Med.*
Mitman, M. H., 2 *M-L., Mu*.....A
Mockford, J. E., 1 *E-H*.....A
Moore, L. P., Jr., 4 *Cl*.....A
Moser, C. A., 3 *H-P*.....S
Mosteller, S. S., *S. S.*, 1 *M-L*.....A
Mowcomber, H. H., 1 *C-B., Pre-Med.*
Moyer, M. S., 2 *E-H*.....A
Moyer, M. M., 3 *E-H*.....A
Moyer, R. L., 1 *C-B*.....S
Muschlitz, R. E., 1 *E-H., Mu*.....A
Myers, J. W., 4 *Cl*.....A
McBlain, C. B., 1 *E-H*.....A

Ursinus College

McCavery, M. A., 1 *M*.....A
McMullin, D., 1 *M*.....S
Neff, A. L., 1 *E-H*.....A
Neuroth, I. E., 1 *Cl., Mu*.....A
Newitt, J. G., 2 *H-P*.....S
Nishiyama, M., *S. S.*, 4 *E-H*.....A
Paine, C. A., 2 *H-P*.....A
Peterman, E. R., 3 *C-B*.....A
Price, E. F., *S. S.*
Prizer, R. E., 1 *C-B*.....S
Purrington, B. M., 1 *M-L., Mu*....A
Quick, M. L. B., 1 *E-H., Mu., Sp.*
Rahn, M. T., 2 *H-P*.....A
Rayser, L. Z., 4 *E-H*.....A
Reifsnyder, J. S., 1 *C-B*.....S
Reimer, H. M., 2 *E-H*.....A
Reinhold, W. H., 1 *C-B*.....S
Richards, M. L., 1 *M-L., Mu*.....S
Richards, T. H., 4 *H-P*.....S
Richman, M. G., 3 *E-H*.....A
Roeder, A. N., 2 *Cl*.....A
Rohden, H. C., *S. S.*
Rutter, C. L., 2 *H-P*.....A
Sabold, H. C., *Sat., H-P.*
Saunders, L. C., 1 *H-P*.....S
Scholl, B. A., *S. S., Sat., E-H*.....A
Schlater, F. C., 3 *Cl*.....A
Schlegel, F. N., 1 *Cl*.....A
Schwartz, C. L., 3 *H-P*.....A
Sechler, J. W., 2 *M., Sp.*
Shaffer, W. R., 1 *Cl*.....A
Sheeder, F. I., Jr., 2 *Cl*.....A
Sheely, H. E., 1 *Cl*.....A
Shellenberger, C. U., 3 *Cl*.....A
Shirey, E. G., 3 *M-L*.....A
Slamp, O. L., 4 *M-L*.....A
Slotterer, M. E., 2 *M-L*.....A
Snyder, R. E., 3 *E-H*.....A
Snyder, W. H., 1 *E-H*.....A
Stauffer, F. W., 1 *Cl*.....A
Stauffer, J. L., *S. S.*
Stock, J. F. W., *S. S.*, 2 *M*.....S
Stover, W. S., 1 *Cl*.....A
Sutcliffe, D. H., 4 *E-H*.....A
Talmage, F. D., *S. S.*, 1 *Cl*.....A
Tippin, D. N., 4 *Cl*.....A
Tomlinson, J. W., *S. S.*, 1 *C-B., Pre-Med.*
Traugh, J. C., *S. S.*, 2 *C-B., Pre-Med.*
Tyler, A. A., 1 *E-H*.....S
Tyler, B. A., *S. S.*, 2 *C-B., Pre-Med.*
Tyson, D. S., 1 *C-B., Pre-Med.*
Undercuffer, E. T., *Sat.*
Updike, W. R., 1 *C-B*.....A
Urich, R. W., *S. S.*
Vedder, S. E., 4 *C-B*.....S
Vosburg, E. E., Jr., 1 *C-B*.....S
Wagner, L. B., 4 *E-H*.....A
Walker, E. H., 2 *C-B*.....A
Walton, L. A., 4 *C-B*.....S
Weisel, J. H., 4 *C-B*.....A
Weller, C. H., 2 *Cl., Mu*.....A
Widenmyer, P. L., 1 *Cl*.....A
Wildasin, H. C., *S. S.*, 1 *Cl*.....A
Wildasin, J. E., 4 *Cl*.....A
Willauer, J. F., 4 *C-B*.....S
Williams, D. E., 1 *C-B*.....A
Williams, M. L., *Sat.*
Wismer, J. L., 1 *M*.....S
Wolford, W. O., 3 *Cl*.....A
Wood, J. C., 4 *C-B*.....S
Wood, T. R., 3 *C-B*.....A
Xander, M. J., 3 *C-B*.....A
Xander, M. Z., 1 *C-B*.....S
Yost, E. B., 3 *Cl*.....A
Yost, P. J., 2 *E-H*.....A
Zechman, A. L., *S. S.*
Zendt, A. R., 2 *C-B*.....A

PRIZES, HONORS AND DEGREES

Awarded in 1919-1920

PRIZES

Junior Oratorical Prizes for Men—Leopold Paul Moore, Jr., Daniel Edgar Grove.

Junior Oratorical Prize for Women—Alma Loraine Fries, Lucile Bernice Wagner.

Havilah McCurdy Bennett Essay Prize—George Elmer Brown.

Scholarship Prizes:

Bangor High School—Margaret Emma Frutchey.
Collegeville High School—Daniel Ludwig.
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York High School—Ruth Hespenheide.

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Gold Cross for Women, offered by Rev. I. N. Peightel, D.D.—Emma May Schweigert.

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(Department Honors)

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English—Clara Edith Moul, Ernest Yeakle Raetzer, Dorothy Arnet Shiffert.

History—Herman Hurwitz Krekstein, Wallace Clement Savage.

Mathematics—Marion Grater, Greta Pearl Hinkle, Emily Ruth Philips.

(Commencement Parts)

Valedictory Oration—Dorothy Arnet Shiffert.

Salutatory Oration—Ernest Yeakle Raetzer.

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Doctor of Letters (Honorary)—Fullerton Leonard Waldo*

Ursinus College

Doctor of Science (Honorary)—Ralph Linwood Johnson, A.M.*

Doctor of Divinity (Honorary)—Rev. Thomas Hart Evans.

Bachelor of Arts *Magna Cum Laude*—Dorothy Arnet Shiffert.

Bachelor of Arts *Cum Laude*—Rebekah Sadie Sheaffer, Etta Jefferis Wickersham.

Bachelor of Arts—William Wilson Baden,* William Wallace Bancroft, Lamont George Beers, Grace Chandler, John Carroll Deisher, Alma Matilda Fegely, Evelyn Essick Fox, Marion Grater, Dana Frank Griffin, Greta Pearl Hinkle, Frank Marion Hunter, Jessie Marion Jones, Herman Hurwitz Krekstein, Elizabeth Marie Lattell, Elmer Elwood Leiphart, Herbert Perry Long, Jessamine Isabelle Macdonald, Philip Jonathan May, Matilda Jane Maurer, Clara Edith Moul, Willis Lloyd Moyer, Nicholas James Paladino, Emily Ruth Philips, Emma May Schweigert, Jesse Bear Yaukey, Misao Nishiyama.*

Bachelor of Science *Cum Laude*—Ernest Yeakle Raetzer.

Bachelor of Science—Edna Mae Boyd, Charles William Rutschky, Guilliam George Clamer, Wallace Clement Savage.

*Conferred on Founders' Day, February 19, 1920.

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